S 65 7S-1-U

1987-1988
OREGON AGRICULTURE & FISHERIES STATISTICS

Compiled By

United States Department of Agriculture
Oregon Agricultural Statistics Service

Paul M. Williamson, *State Statistician*

Ronald F. Kriesel, *Deputy State Statistician*

Published Cooperatively By

U.S. Department of Agriculture
National Agricultural Statistics Service
Charles E. Caudill
Administrator

Oregon
Department of Agriculture
Robert Buchanan
Director

Copies of this publication are available at no charge by contacting either the OREGON DEPARTMENT OF AGRICULTURE, 635 CAPITOL ST. N.E., SALEM, OR 97310-0110, (503) 378-3773, or the OREGON AGRICULTURAL STATISTICS SERVICE, 1735 FEDERAL BUILDING, 1220 SW THIRD AVE., PORTLAND, OR 97204-2899, (503) 221-2131.

OREGON AGRICULTURAL STATISTICS SERVICE
1735 Federal Building, 1220 S.W. 3rd Avenue
Portland, Oregon 97204
Phone: (503) 221-2131

FOREWORD

This year we are celebrating the 125th anniversary of our agency, The National Agricultural Statistics Service. Abraham Lincoln called agriculture the "largest interest" of the nation when he asked Congress to establish the Department of Agriculture in 1862. One year later, in July, the nation's first Crop Report was issued.

The first report was a pioneering attempt to survey the condition of crops in the young nation and help inform farmers. The idea was to halt speculation among producers, consumers and others by establishing a system to routinely gather crop information from the most reliable source—the farm—and disseminate summary estimates nationwide.

Here in Oregon the Oregon Agricultural Statistics Service gathers the data and issues the reports. These cooperative programs started in Oregon in 1909 and continue to expand today as new needs arise.

Forming the foundation of this crop and livestock reporting system are the thousands of producers who voluntarily provide the raw data. To them we say thank you for a job well done. We also wish to thank the Oregon State University Extension Service and their county agents for helping supply some of the county and special data.

Sincerely,

Paul M. Williamson

Paul M. Williamson
State Statistician

TABLE OF CONTENTS

GENERAL Page

County Agent Directory ... 1
Oregon Agriculture 1987 ... 2
Gross and Net Income from Farming ... 2
Oregon s Rank in Agriculture ... 3
Government Grain Program Payments ... 3
Gross Farm and Ranch Sales by County ... 4
Value of Production ... 5
Cash Receipts ... 6
Farm Production Expenses ... 7
Farm Balance Sheet ... 7
Number of Farms and Land in Farms ... 8
Crop Reporting District Map ... 8
Prices Received ... 9
Prices Paid ... 10
Climatological Review of 1987 ... 11
Monthly Precipitation and Departures from Normal ... 12

FIELD CROPS

Summary of 1987 ... 13
Acreage, Production and Value ... 14
All Wheat, 1870-1987 ... 15
Winter Wheat, by Counties ... 16
Spring Wheat, by Counties ... 17
All Wheat, by Counties ... 18
All Wheat, Irrigated, by Counties ... 19
Wheat, by Varieties ... 20
Barley, 1870-1987 ... 21
Barley, by Counties ... 22
Oats, by Counties ... 23
Field Corn, by Counties ... 24
Stocks of Major Grains and Hay ... 25
Hay, 1910-1987 ... 26
Peppermint, by Area ... 27
Fertilizer, Commercial Usage ... 27
Fertilizer, Consumption ... 27
All Potatoes, 1870-1987 ... 28
All Potatoes, by Counties ... 29
Potato Disposition ... 29
Potato Utilization, U.S. ... 29
Potato Stocks, and Processing, Selected States ... 30
Potato Production ... 30

FRUIT AND NUTS

Summary of 1987 ... 31
Fruit Production, Price and Value ... 32
Fruit Production, by Area ... 33
Processed Utilization ... 33
Apples and Sweet Cherries, 1890-1987 ... 34
Bartlett and Other Pears, 1925-1987 ... 35
Filberts, Prunes and Plums, 1925-1987 ... 36
Fruit Tree Inventory ... 37
Vineyard Acreage and Production ... 38
Winegrapes, by County ... 39
Wineries, Tonnage Crushed ... 39

Page

BERRY CROPS

Summary of 1987 ... 40
Acreage, Production & Value ... 41
Acreage and Production, by Counties ... 42
All Strawberries, 1920-1987 ... 43

VEGETABLES

Summary of 1987 ... 44
Acreage, Production and Value ... 45
Acreage and Production, by Counties ... 46
Snap Beans for Processing, 1920-1987 ... 47
Sweet Corn for Processing, 1934-1987 ... 48
Green Peas for Processing, 1934-1987 ... 49
Onions, Storage, 1934-1987 ... 50

SPECIALTY ITEMS

Cold Storage Holdings ... 51
All Ryegrass Seed ... 52
Floriculture ... 52

LIVESTOCK

Summary of 1987 ... 53
Value of Production ... 54
Livestock Value ... 54
Cattle & Calf Inventory 1870-1988 ... 55
Cattle & Calf Inventory, Disposition and Income ... 56
Number of Milk Cows & Production, 1925-1987 ... 57
Number of Milk Cows, Production and Disposition ... 58
Dairy Products--Marketings, Income and Value ... 58
Manufactured Dairy Products ... 59
Hog and Pig Inventory ... 60
Hog Inventory, Farrowings, Disposition and Income ... 61
Sheep Inventory 1870-1988 ... 62
Sheep and Lambs Inventory, Disposition and Income ... 63
Wool Production, Price and Value ... 64
Mink Pelts Produced and Females Bred ... 64
Broilers, Production and Value ... 64
Turkeys, Production and Value ... 64
Chickens, Number on Farms ... 65
Egg Production, Income and Layers ... 65
Honey & Beeswax ... 65
Livestock and Poultry Inventory, by Counties ... 66

FISHERIES

Commercial Fishing, Summary ... 67
Aquaculture and Mariculture ... 68
All Landings, Production ... 68
All Landings, Ex-Vessel ... 69
All Landings, Value ... 70
All Landings, Production & Value ... 71
Oyster Production, 1970-1987 ... 72
Aquaculture and Mariculture, Value ... 72

Metric Conversion Table ... Back Cover

Issued November 1988

Cover photo by Dalton Hobbs, Information Officer with the Oregon Department of Agriculture, of Ray and Ellen Hobson's farm near Perrydale. Hobson is a former assistant director for the Department of Agriculture.

COUNTY EXTENSION OFFICES

BAKER—2610 Grove Street, Baker 97814, Ph. 523-6418, Ext. 230

BENTON—2720 NW Polk, Corvallis 97330, Ph. 757-6750

CLACKAMAS—200 Warner-Milne Rd., Oregon City 97045, Ph. 655-8631

CLATSOP—Post Office, PO Box 207, Astoria 97103, Ph. 325-8573

COLUMBIA—Courthouse, St. Helens 97051, Ph. 397-3462

COOS—Courthouse Annex, 290 North Central, Coquille 97423, Ph. 396-3121, Ext. 246

CROOK—Courthouse, Prineville 97754, Ph. 447-6228

CURRY—County Office Bldg., PO Box 488, Gold Beach 97444, Ph. 247-7011, Ext. 271

DESCHUTES—922 West Highland, PO Box 756, Redmond 97756, Ph. 548-6088

DOUGLAS—1134 SE Douglas Ave., PO Box 1165, Roseburg 97470, Ph. 672-4461

GILLIAM—Courthouse, PO Box 707, Condon 97823, Ph. 384-2271

GRANT—Courthouse, Canyon City 97820, Ph. 575-1911

HARNEY—Courthouse, 450 N. Buena Vista, Burns 97720, Ph. 573-2506

HOOD RIVER—2990 Exp. Station Dr., Hood River 97031, Ph. 386-3343

JACKSON—1301 Maple Grove Drive, Medford 97501, Ph. 776-7371

JEFFERSON—Old Courthouse, 530 D St., Madras 97741, Ph. 475-3803
—Tribal Office Building, PO Box C, Warm Springs 97761, Ph. 553-1161

JOSEPHINE—215 Ringuette St., Grants Pass 97527, Ph. 476-6613

KLAMATH—3328 Vandenberg Rd., Klamath Falls 97603, Ph. 883-7131

LAKE—Courthouse, Lakeview 97630, Ph. 947-2279

LANE—950 W. 13th Ave., Eugene 97402, Ph. 687-4243

LINCOLN—Courthouse, 29 SE 2nd Street, Newport 97365, Ph. 265-6611, Ext. 207

LINN—PO Box 765, Albany 97321, Ph. 967-3871

MALHEUR— 710 SW Fifth, Ontario 97914, Ph. 881-1417

MARION—3180 Center St. NE, Room 160, Salem 97301, Ph. 588-5301

MORROW—Gilliam & Bisbee Bldg., PO Box 397, Heppner 97836, Ph. 676-9642

MULTNOMAH—211 SE 80th St., Portland 97215, Ph. 254-1500

POLK—288 E. Ellendale, PO Box 640, Dallas 97338, Ph. 623-8395, Ext. 282

SHERMAN—Courthouse, PO Box 385, Moro 97039, Ph. 565-3230

TILLAMOOK—2204 Fourth Street, Tillamook 97141, Ph. 842-3433

UMATILLA—721 SE 3rd, Suite 3, Pendleton 97801, Ph. 276-7111, Ext. 235
—Columbia Basin Agricultural Research Center, PO Box 105, Hermiston 97838, Ph. 567-8321
—418 N. Main Street, PO Box E, Milton-Freewater 97862, Ph.938-5597

UNION—Rt. 1, Box 1705, La Grande 97850, Ph. 963-1010

WALLOWA—Courthouse, PO Box 280, Enterprise 97828, Ph. 426-3143

WASCO—400 E. 5th, Courthouse Annex A, The Dalles 97058, Ph. 296-5494

WASHINGTON—Branch Co. Office Bldg., 2448 Tualatin Valley Highway, Courthouse, Hillsboro 97123, Ph. 681-7007

WHEELER—Courthouse, PO Box 407, Fossil 97830, Ph. 763-4115

YAMHILL—2050 Lafayette Ave., McMinnville 97128, Ph. 472-9371, Ext. 559

Oregon Agriculture 1987

Oregon's agriculture economy made further progress this past year with net farm income averaging $21,359, up 19 percent over 1986. Farmers remained prudent in watching their production expenses, which increased less than 1 percent. The percentage return on the farm operator's capital investment rose to nearly 7 percent compared to just over 5 percent for 1986. This continues the improvement over the recent low of 1 percent in 1983.

Oregon ranks strong in the nation with over a dozen commodities ranking fifth or better in production nationally. Oregon ranked first in production of grass seed, filberts and peppermint and second in hops, prunes and plums, sweet cherries, onions and snap beans for processing. Third place rankings were obtained with production of fall potatoes, strawberries, pears and cauliflower. Oregon is also a national leader in production of caneberries.

Oregon's 1987 value of all agricultural commodities produced at $2.12 billion was almost 5 percent above the revised total for 1986 and nearly 8 percent above 1985. Slight declines in production values for field crops and vegetables were more than offset by increases in fruit and nut crops, seed crops, greenhouse and nursery products, forest products and livestock products. Seed crops gained the most in value of production at 18 percent over the previous year. The value of livestock production was ranked highest in the state, with 29.7 percent of the total. Field crops accounted for 26.2 percent.

Cash receipts for agricultural products sold in 1987 reached $2.01 billion (including farm forest products), an increase of 5 percent over 1986 and the highest Oregon cash receipts on record.

At the beginning of 1987 the average Oregon farm/ranch had assets worth $278,400 and debts of $72,200, or a debt to asset ratio of 25.9 percent. This was the eighth consecutive increase in the debt ratio since 1979 when the ratio was 17.2 percent.

Off-farm income (income earned by farm operators from non-farm sources) climbed to a record high $21,715 per farm, up 8 percent over 1986.

The number of farms and ranches declined by 500 for a total of 36,500 for 1988. Those units accounted for 17,800,000 acres, down 100,000 acres of land in farms and ranches for an average size of 488 acres per unit. The value per acre of farm and ranches in Oregon continues to decline since reaching a high of $705 per acre in 1982 and 1983. The average for early 1988 was $466 per acre, a decline of 3 percent from 1987.

GROSS AND NET INCOME FROM FARMING, OREGON: 1983-1987

Item	1983	1984	1985	1986	1987
			Million Dollars		
Cash Receipts from Farm Marketings	1,688.4	1,907.7	1,837.7	1,917.6	2,014.8
Government Payments	64.2	76.1	71.4	127.6	127.4
Farm Related Income[1]	16.4	20.1	25.8	20.3	23.7
Non-Money Income[2]	289.4	288.9	255.1	255.6	213.3
Value of Inventory Adjustments	52.9	-45.5	-2.5	-53.5	-4.7
Gross Farm Income Total	2,111.3	2,247.3	2,187.5	2,237.6	2,374.5
Production Expenses Total	1,848.9	1,804.6	1,699.7	1,572.7	1,584.2
Net Total Farm Income	262.4	442.7	487.8	664.9	790.3
			Dollars		
Net Farm Income Per Farm	6,997	11,965	13,184	17,970	21,359
Net Business Income Per Farm[3]	1,933	9,435	10,076	16,578	18,892
Off-Farm Income Per Farm[4]	16,512	17,597	19,259	20,178	21,715
			Percent		
Returns to Operators/Total Assets[5]	1.05	2.31	3.21	5.21	6.92

[1] Includes machine hire/custom work, recreational income and other farm business-related income. Forest product sales included in cash receipts.
[2] Includes value of home consumption and rental value of operator's hired laborers' dwellings.
[3] Net business income includes only cash transactions including depreciation and accidental damage and excludes household accounts. Measures cash available to farms for payment of asset purchases, loan retirement and operator cash income.
[4] Includes off-farm income for members of farm operators' households only.
[5] This can be interpreted as the percentage return on the operator's capital investment. Source: ERS, USDA, State Financial Summary.

OREGON'S RANK IN THE NATION'S AGRICULTURE - 1987

Commodity	Rank Among States	Production	Unit	Metric Tons	Percent of U.S.
FIELD CROPS					
Peppermint	1	2,450,000	Lb.	1,111	55.1
Hops	2	8,800,000	Lb.	3,991	17.6
Spearmint	5	113,000	Lb.	51.2	5.5
Potatoes, Fall	3	25,924,000	Cwt.	1,178,364	6.7
Barley	7	15,400,000	Bu.	335,512	2.9
Sugarbeets	11	422,000	Ton	383,636	1.5
All Wheat	13	52,920,000	Bu.	1,438,043	2.5
Oats	16	5,200,000	Bu.	75,472	1.4
Hay, All	21	3,014,000	Ton	2,740,000	2.0
SEED CROPS					
Ryegrass Seed	N/A	260,590,000	Lb.	118,181	N/A
Fescue Seed	N/A	75,531,000	Lb.	34,254	N/A
Orchardgrass Seed	N/A	22,537,000	Lb.	10,220	N/A
Kentucky Bluegrass Seed	N/A	19,279,000	Lb.	8,743	N/A
BERRIES					
Blackberries	N/A	37,600,000	Lb.	17,052	N/A
Boysen & Youngberries	N/A	5,300,000	Lb.	2,404	N/A
Loganberries	N/A	1,280,000	Lb.	580	N/A
Raspberries, Black	N/A	4,350,000	Lb.	1,973	N/A
Raspberries, Red	N/A	21,500,000	Lb.	9,751	N/A
Strawberries	3	93,600,000	Lb.	42,449	8.4
Cranberries	4	142,000	Bbls.	6,455	4.4
FRUIT AND NUTS					
Filberts	1	21,500	Ton	19,545	98.6
Prunes & Plums	2	17,000	Ton	15,455	1.7
Sweet Cherries	2	50,000	Ton	45,455	23.9
Pears, All	3	228,000	Ton	207,273	24.3
Tart Cherries	4	6,200,000	Lb.	2,812	2.2
Apples, All	8	205,000,000	Lb.	92,971	2.0
Peaches	14	14,000,000	Lb.	6,349	0.6
VEGETABLES					
Onions, All	2	7,032,000	Cwt.	319,636	15.6
Cauliflower, All	3	504,000	Cwt.	22,909	6.8
Snap Beans, Processing	2	117,940	Ton	107,218	17.4
Broccoli, All	4	315,000	Cwt.	14,318	2.8
Sweet Corn, Processing	4	343,880	Ton	312,618	12.0
Green Peas, Processing	5	43,620	Ton	39,655	9.9
Cucumbers, Processing	9	22,950	Ton	20,864	3.6
Carrots, All	13	380,000	Cwt.	17,273	1.5
LIVESTOCK					
Mink Pelts Produced	5	215,000	Pelts	N/A	5.4
Sheep and Lambs[1]	7	490,000	Head	N/A	4.5
Wool Production	10	2,876,000	Lb.	1,304	3.4
Milk Production	23	1,471,000,000	Lb.	667,120	1.0
All Cattle and Calves [1]	26	1,360,000	Head	N/A	1.4
Eggs Produced	29	638,000,000	Egg	N/A	0.9
Hogs and Pigs[2]	32	100,000	Head	N/A	0.2
Trout	N/A	845,000	Lb.	383	N/A

[1] Jan. 1, 1988 Inventory. [2] Dec. 1, 1987 Inventory.

GOVERNMENT GRAIN PROGRAM PAYMENTS TO OREGON FARMERS AND RANCHERS: 1983-1987[1]

Commodity	1983	1984	1985	1986	1987
			Million Dollars		
Wheat	—	40.3	61.3	94.3	70.0
Feed Grains (Barley, Oats, Corn)	1.3	.9	3.0	6.2	13.0
Total	1.3	41.2	64.3	100.5	83.0

[1] Includes both deficiency and diversion payments. 1983-85 are program year totals. 1986-87 are calendar year totals.

GROSS FARM AND RANCH SALES: By County, 1987[1]

County	All Crops	All Animal Products	Total Sales
		1,000 Dollars	
Baker	4,486	30,743	35,229
Benton	43,597	7,474	51,071
Clackamas	112,248	39,934	152,182
Clatsop	2,631	6,809	9,440
Columbia	11,581	6,192	17,773
Coos	17,018	16,160	33,178
Crook	9,798	16,135	25,933
Curry	6,181	4,677	10,858
Deschutes	5,364	21,732	27,096
Douglas	20,440	19,977	40,417
Gilliam	12,631	4,321	16,952
Grant	3,864	13,257	17,121
Harney	5,592	26,486	32,078
Hood River	34,400	1,554	35,954
Jackson	22,179	16,901	39,080
Jefferson	37,681	6,346	44,027
Josephine	4,383	10,710	15,093
Klamath	33,712	45,211	78,923
Lake	8,990	23,104	32,094
Lane	52,840	22,578	75,418
Lincoln	4,532	1,884	6,416
Linn	85,906	30,718	116,624
Malheur	79,376	49,828	129,204
Marion	188,657	52,488	241,145
Morrow	62,883	33,309	96,192
Multnomah	40,020	1,915	41,935
Polk	46,329	15,108	61,437
Sherman	11,360	2,040	13,400
Tillamook	3,577	57,390	60,967
Umatilla	114,606	36,005	150,611
Union	21,658	7,575	29,233
Wallowa	8,014	11,008	19,022
Wasco	33,632	5,819	39,451
Washington	97,060	19,614	116,674
Wheeler	1,593	3,892	5,485
Yamhill	60,734	35,320	96,054
State Total	1,309,553	704,214	2,013,767

[1] Preliminary.
Source: Extension Economic Information Office, Oregon State University

VALUE OF PRODUCTION: By Commodities, 1985-1987[1]

Commodity	Rank 1987	Year of Production			1987 as Percent of all Commodities
		1985	1986	1987	
		1,000 Dollars			Percent
ALL COMMODITIES[2]		1,975,154	2,025,837	2,124,779	100.0
All Crops[3]		1,270,929	1,297,293	1,342,305	63.2
Field Crops		650,088	576,341	557,423	26.2
Fruit/Nut Crops		170,699	180,606	193,224	9.1
Vegetable Crops		157,283	190,254	189,477	8.9
Seed Crops		139,689	163,355	192,162	9.0
All Livestock and Livestock Products		593,820	588,931	630,164	29.7
Cattle and Calves	1	264,983	253,925	288,987	13.6
Greenhouse & Nursery Products	2	153,170	186,737	210,019	9.9
Hay, All	3	228,659	203,710	201,938	9.5
Milk, All	4	189,136	187,647	187,287	8.8
Forest Products	5	110,405	139,613	152,310	7.2
Wheat, All	6	189,415	151,269	145,530	6.8
Potatoes, All	7	95,618	96,965	88,658	4.2
Ryegrass Seed	8	54,066	59,123	70,305	3.3
Onions, All	9	30,465	62,402	61,277	2.9
Pears, All	10	52,870	49,197	43,868	2.1
Fescue Seed	11	23,153	35,294	42,024	2.0
Cherries, All	12	18,321	26,147	33,833	1.6
Mint	13	28,336	29,579	31,939	1.5
Strawberries	14	15,619	29,107	31,520	1.5
Barley	15	38,500	35,369	30,030	1.4
Sweet Corn	16	28,839	26,611	27,100	1.3
Eggs	17	27,528	29,710	24,988	1.2
Hogs	18	23,619	25,954	24,793	1.2
Sheep & Lambs	19	16,962	17,048	23,875	1.1
Broilers	20	21,384	22,752	22,372	1.1
Snap Beans, Processing	21	21,719	24,136	20,993	1.0
Filberts	22	16,451	10,788	20,554	1.0
Bluegrass Seed	23	10,680	13,830	19,856	.9
Hops	24	19,340	17,609	15,664	.7
Sugarbeets	25	11,165	12,791	14,535	.7
Orchardgrass Seed	26	9,538	12,019	13,964	.7
Blackberries	27	17,340	17,956	13,849	.7
Raspberries	28	9,560	14,723	13,172	.6
Turkeys	29	12,090	11,933	12,526	.6
Apples	30	20,200	11,081	11,145	.5
Mink	31	6,281	8,127	9,104	.4
Green Peas, Processing	32	8,811	6,764	8,724	.4
Corn for Grain	33	17,688	8,640	8,514	.4
Oats	34	12,420	10,260	8,060	.4
Bentgrass Seed	35	5,704	5,755	7,862	.4
Cranberries	36	5,550	6,478	7,646	.4
Cauliflower	37	7,694	6,909	7,314	.3
Red Clover Seed	38	7,762	7,102	6,283	.3
Broccoli	39	4,769	5,689	6,134	.3
Blueberries	40	2,876	4,040	5,550	.3
Alfalfa Seed	41	4,848	5,365	5,321	.3
Grapes	42	3,039	3,612	4,630	.2
Peaches	43	4,199	3,554	3,847	.2
Cucumbers	44	4,338	3,527	3,603	.2
Carrots	45	2,904	4,206	3,449	.2
Plums & Prunes	46	3,641	3,064	2,571	.1
Wool	47	1,608	1,723	2,042	*
Crimson Clover Seed	48	2,339	1,710	1,754	*
Honey	49	N/A	1,421	1,224	*
Chickens, Farm	50	738	480	710	*
Other Field & Fruit Crops		9,980	11,008	13,594	.6
Other Vegetable Crops		47,744	50,010	50,883	2.4
Other Seed Crops		21,599	23,157	24,793	1.2
Other Livestock		23,600	21,501	25,304	1.2

[1] Data for calendar year. [2] Includes all crops, livestock and forest products. [3] Includes greenhouse and nursery products. * Less than .1%.

CASH RECEIPTS FROM MARKETINGS: By Commodities, 1985-1987[1]

Commodity	Year of Production			1987 as % of All Commodities
	1985	1986	1987	
		1,000 Dollars		Percent
ALL COMMODITIES[2]	1,837,234	1,917,630	2,014,794	100.0
All Crops[3]	1,100,980	1,123,958	1,207,268	59.9
Field Crops	470,774	419,376	397,858	19.7
Fruit/Nut Crops	165,334	182,335	198,472	9.9
Vegetable Crops	172,013	172,155	208,757	10.4
Seed Crops	139,689	163,355	192,162	9.5
All Livestock and Livestock Products	625,849	654,059	655,216	32.5
Cattle & Calves	303,395	324,044	320,702	15.9
Greenhouse and Nursery Products	153,170	186,737	210,019	10.4
Milk, All	184,927	183,182	183,213	9.1
Forest Products	110,405	139,613	152,310	7.6
Wheat, All	197,750	156,202	142,892	7.1
Onions, All	45,195	44,083	80,557	4.0
Potatoes, All	77,707	81,982	78,124	3.9
Ryegrass Seed	54,066	59,123	70,305	3.5
Hay, All	76,026	62,960	61,969	3.1
Pears, All	50,268	48,487	47,718	2.4
Fescue Seed	23,153	35,294	42,024	2.1
Cherries, All	18,307	26,147	33,834	1.7
Mint	28,336	29,579	31,939	1.6
Strawberries	15,619	29,107	31,520	1.6
Sweet Corn	28,839	26,831	27,100	1.3
Barley	30,377	30,498	26,631	1.3
Eggs	27,528	29,710	24,988	1.2
Hogs	21,186	25,932	24,951	1.2
Broilers	21,384	22,752	22,372	1.1
Sheep & Lambs	17,221	16,544	21,128	1.0
Snap Beans, Processing	21,719	24,136	20,993	1.0
Filberts	16,309	10,788	20,554	1.0
Bluegrass Seed	10,680	13,830	19,856	1.0
Hops	17,373	17,609	15,840	.8
Sugarbeets	11,165	12,791	14,535	.7
Orchardgrass Seed	9,538	12,019	13,964	.7
Blackberries	17,340	17,956	13,849	.7
Raspberries	9,560	14,723	13,172	.7
Apples	17,593	14,688	12,542	.6
Turkeys	12,090	11,933	12,526	.6
Mink	6,281	8,127	9,104	.5
Green Peas, Processing	8,811	6,764	8,724	.4
Cranberries	5,550	5,310	7,646	.4
Oats	8,787	8,214	7,363	.4
Cauliflower	7,694	6,909	7,314	.4
Red Clover Seed	7,762	7,102	6,283	.3
Broccoli	4,769	5,689	6,134	.3
Corn For Grain	14,334	9,432	6,026	.3
Bentgrass Seed	5,704	5,755	5,704	.3
Blueberries	2,876	4,040	5,550	.3
Alfalfa Seed	4,848	5,365	5,321	.3
Grapes	3,039	3,612	4,630	.2
Peaches	4,199	3,554	3,847	.2
Cucumbers	4,338	3,527	3,603	.2
Carrots	2,904	4,206	3,449	.2
Plums & Prunes	3,641	3,064	2,571	.1
Wool	1,608	1,723	2,042	.1
Crimson Clover Seed	2,339	1,710	1,754	*
Honey	N/A	1,421	1,224	*
Chickens, Farm	738	480	710	*
Other Field & Fruit Crops	9,952	10,968	13,578	.7
Other Vegetable Crops	47,744	50,010	50,883	2.5
Other Seed Crops	21,599	23,157	24,793	1.2
Other Livestock	23,600	21,501	25,304	1.3

[1] Data for calendar year. [2] Includes all crops, livestock and forest products. [3] Includes greenhouse and nursery products.
* Less than .1%.

FARM PRODUCTION EXPENSES: 1983-1987

Item	1983	1984	1985	1986	1987
	Million Dollars				
Current Farm Operating Expenses:					
Feed	229.6	210.2	192.6	168.9	165.7
Livestock	50.1	50.1	45.4	38.2	59.8
Seed	30.8	35.4	34.4	30.7	30.9
Fertilizer & Lime	103.8	87.2	87.8	75.2	65.4
Pesticides	55.0	63.2	66.2	59.4	60.8
Fuel & Oil	85.5	81.4	75.0	54.6	50.6
Electricity	31.8	32.1	31.8	28.7	35.4
Repair & Maintenance	92.4	90.6	92.8	95.2	96.2
Hired Labor	198.1	197.3	199.2	200.5	218.3
Non-Real Estate Interest	133.7	128.0	94.1	83.7	80.6
Miscellaneous	212.7	216.4	213.1	208.9	212.1
Total Current Farm Operating Expenses	1,223.5	1,191.9	1,132.4	1,044.0	1,075.8
Depreciation & Consumption of Farm Capital	306.7	293.2	257.4	230.8	207.1
Taxes on Farm Property	65.3	59.0	60.7	59.7	59.5
Interest on Farm Mortgage Debt	201.8	201.9	192.7	178.1	178.7
Net Rent to Non-Farm Landlords	51.6	58.6	56.5	60.1	63.1
Total Farm Production Expenses	1,848.9	1,804.6	1,699.7	1,572.7	1,584.2

FARM BALANCE SHEET (Excluding Farm Households), December 31, 1982-1986[1]

Item	1982	1983	1984	1985	1986
	Million Dollars				
ASSETS					
Total Farm Assets	14,180.7	14,096.7	12,207.2	11,072.2	10,302.5
Real Estate	11,309.1	11,204.7	9,307.6	8,381.1	7,673.5
Livestock & Poultry[2]	693.7	725.1	718.6	657.0	633.7
Machinery & Motor Vehicles	1,431.5	1,425.9	1,404.9	1,306.0	1,221.1
Crops	285.6	247.7	274.7	198.4	223.9
Financial Assets	460.8	493.4	501.4	529.7	550.3
DEBTS					
Total Farm Debt	3,102.3	3,125.6	3,014.1	2,743.3	2,672.2
Real Estate Debt	2,039.7	2,058.8	2,008.1	1,872.7	1,931.2
Nonreal Estate Debt	1,062.6	1,066.8	1,006.0	870.6	741.0
EQUITY	11,078.4	10,971.1	9,193.1	8,328.8	7,630.2
RATIOS					
Debt/Equity	28.0	28.5	32.8	32.9	35.0
Debt/Assets	21.9	22.2	24.7	24.8	25.9

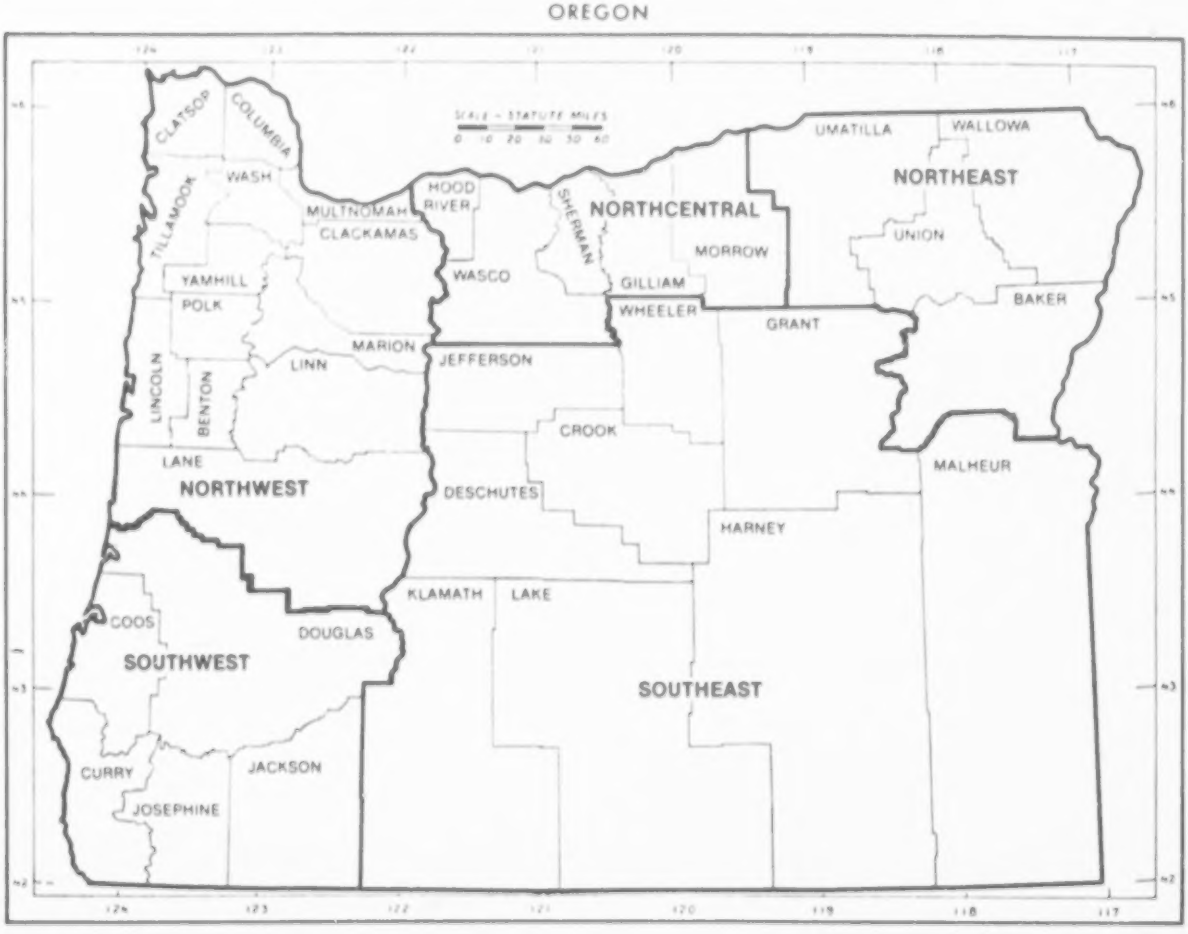
[1] Data are for farms with sales of $1,000 or more annually. Includes only items for farm purposes.
[2] Excludes horses, mules, and broilers. Source: USDA, ERS, State Income and Balance Sheet statistics.

NUMBER OF FARMS AND LAND IN FARMS: 1971-1988 [1]

Year	Oregon				United States			
	Number of Farms	Land In Farms	Average Size of Farm	Value per Acre[3]	Number of Farms	Land In Farms	Average Size of Farm	Value per Acre[3]
	1,000	1,000 Acres	Acres	Dollars	1,000	1,000 Acres	Acres	Dollars
1971	34.0	19,900	585	166	2,902	1,096,863	378	203
1972	34.0	19,800	582	186	2,860	1,092,065	382	219
1973	34.0	19,700	579	205	2,823	1,087,923	385	246
1974	34.0	19,600	576	234	2,796	1,084,433	388	302
1975	30.0	18,600	620	250	2,521	1,059,420	420	340
1976	30.0	18,500	617	294	2,497	1,054,075	422	397
1977	30.0	18,400	613	342	2,456	1,047,785	427	474
1978	32.0	18,300	572	414	2,436	1,044,790	429	531
1979	34.0	18,200	535	504	2,432	1,042,015	428	628
1980	35.0	18,100	517	587	2,433	1,038,885	427	737
1981	36.5	18,100	496	668	2,434	1,034,190	425	819
1982	37.0	18,000	486	705	2,401	1,027,795	428	823
1983	37.5	18,000	480	705	2,370	1,024,195	432	788
1984	37.0	18,000	486	698	2,328	1,019,378	438	782
1985	37.0	18,000	486	579	2,275	1,014,383	446	679
1986	37.0	17,900	484	521	2,212	1,007,643	456	595
1987	37.0	17,900	484	479	2,176	1,002,603	461	547
1988[2]	36.5	17,800	488	466	2,159	998,692	463	564

[1] 1970-74 a farm is defined as any place of 10 or more acres that had annual sales of $50 or more of agricultural products, or any place less than 10 acres that had annual sales of $250 or more. 1975-1987 a farm is defined as a place that sells or would normally sell $1,000 worth of agricultural produce.
[2] Preliminary. [3] Farm Real Estate Market Developments. Outlook and Situation Report, ERS, USDA.

Crop Reporting Districts (CRD): Oregon



PRICES RECEIVED BY FARMERS: Specified Products, 1984-1987

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Crop Yr. or Season Average [1]
	ALL WHEAT (Dollars Per Bushel)												
1984	3.44	3.37	3.55	3.64	3.74	3.90	3.58	3.39	3.37	3.44	3.47	3.53	3.47
1985	3.56	3.55	3.59	3.63	3.50	3.46	3.16	3.09	3.28	3.41	3.47	3.53	3.38
1986	3.46	3.52	3.58	3.46	3.53	3.07	2.62	2.40	2.43	2.49	2.54	2.60	2.59
1987	2.71	2.78	2.80	2.82	2.81	2.91	2.57	2.54	2.68	2.80	2.66	2.79	2.75
	APPLES - FRESH (Cents Per Pound)												
1984	11.1	12.4	12.3	12.1	12.3	—	—	—	9.2	9.5	11.5	10.5	11.9
1985	9.4	17.2	14.0	12.3	11.6	—	—	—	13.9	14.7	15.6	14.6	15.0
1986	14.6	15.4	15.3	15.7	20.4	—	—	15.5	14.1	11.2	10.6	10.0	12.5
1987	12.3	13.8	13.0	14.3	17.6	—	—	—	13.6	7.0	7.0	7.0	N/A
	POTATOES (Dollars Per Cwt.)												
1984	5.10	5.70	5.80	5.75	5.90	5.60	7.45	6.50	4.35	3.85	4.35	4.75	4.75
1985	5.70	5.10	4.60	5.00	5.50	4.50	3.55	3.35	3.40	3.50	3.45	3.70	3.55
1986	3.45	3.35	3.85	3.75	3.75	3.30	4.10	4.75	4.25	4.10	4.15	4.20	4.20
1987	3.90	3.90	4.10	4.35	4.50	4.45	4.45	3.85	3.35	3.60	3.10	3.10	3.45
	ALL HAY, BALED (Dollars Per Ton)												
1984	77.00	74.00	75.00	70.00	73.00	70.00	72.00	74.00	74.00	71.00	70.00	72.00	73.00
1985	71.00	75.00	79.00	74.00	77.00	76.00	74.00	74.00	74.00	77.00	74.00	78.00	76.50
1986	79.00	81.00	75.00	77.00	77.00	74.00	72.00	71.00	69.00	66.00	67.00	67.00	65.00
1987	62.00	60.00	55.00	52.00	54.00	63.00	63.00	69.00	71.00	74.00	73.00	69.00	67.00
	ALFALFA HAY, BALED (Dollars Per Ton)												
1984	93.00	91.00	88.00	80.00	84.00	83.00	85.00	85.00	85.00	84.00	85.00	85.00	N/A
1985	84.00	89.00	92.00	88.00	92.00	90.00	90.00	87.00	86.00	89.00	86.00	94.00	N/A
1986	95.00	95.00	93.00	92.00	92.00	83.00	79.00	82.00	79.00	77.00	74.00	76.00	N/A
1987	70.00	65.00	61.00	59.00	60.00	70.00	70.00	75.00	75.00	80.00	77.00	79.00	N/A
	BARLEY (Dollars Per Bushel)												
1984	2.79	2.69	2.67	2.97	2.61	2.80	2.47	2.31	2.32	2.38	2.37	2.51	2.37
1985	2.42	2.44	2.39	2.27	2.35	2.22	1.93	1.85	2.05	1.95	2.09	2.16	2.00
1986	2.12	2.01	1.90	1.87	2.10	1.84	1.61	1.48	1.60	1.74	1.74	1.75	1.70
1987	1.85	1.90	1.87	1.89	1.97	1.89	1.84	1.81	1.88	1.92	1.98	1.94	1.95
	OATS (Dollars Per Bushel)												
1984	1.76	1.91	1.89	1.97	1.93	2.11	1.98	1.65	1.61	1.73	1.83	1.96	1.80
1985	2.03	1.92	1.96	1.99	1.96	2.01	1.57	1.42	1.37	1.38	1.38	1.37	1.35
1986	1.39	1.34	1.32	1.32	1.22	1.09	1.02	1.02	1.09	1.26	1.52	1.62	1.35
1987	1.63	1.58	1.50	1.44	1.45	1.50	1.36	1.43	1.50	1.66	1.71	1.68	1.55
	BEEF CATTLE (Dollars Per Cwt.)												
1984	48.50	54.00	52.90	51.60	49.60	47.00	47.10	49.50	50.70	44.60	46.60	44.80	48.70
1985	47.70	53.80	52.50	52.80	51.50	45.30	42.00	47.00	43.90	44.20	45.30	42.20	46.50
1986	43.40	45.80	46.50	41.70	39.90	40.90	44.90	49.10	45.10	47.20	48.40	47.20	45.50
1987	54.20	55.40	59.40	56.50	54.00	56.40	54.80	62.80	60.70	56.20	56.90	60.10	57.80
	LAMBS (Dollars Per Cwt.)												
1984	59.50	52.90	53.40	55.80	55.40	54.60	55.50	57.00	59.10	59.90	60.50	57.90	56.80
1985	60.20	62.10	64.20	65.30	63.90	65.00	65.90	66.50	68.40	67.70	66.90	62.10	65.60
1986	61.80	61.20	61.30	64.80	63.50	68.80	68.90	63.90	62.50	63.80	66.20	70.40	65.90
1987	73.70	75.00	73.70	77.00	79.40	81.70	78.50	73.90	71.70	69.10	68.00	69.90	75.80
	MILK, SOLD TO PLANTS (Dollars Per Cwt.)												
1984	13.80	13.50	13.40	13.30	13.20	12.90	13.00	13.20	13.70	14.00	14.50	14.20	13.50
1985	14.20	14.00	13.50	13.20	12.80	12.30	12.30	12.10	12.40	12.70	12.80	12.80	12.80
1986	12.60	12.40	12.20	12.10	12.00	11.90	12.00	12.20	12.60	12.90	13.20	13.20	12.40
1987	13.20	12.90	12.50	12.20	11.90	12.00	12.10	12.20	12.50	12.60	12.70	12.60	12.40

[1] Crop year begins with month to right of heavy line.

PRICES PAID BY FARMERS: Specified Products, Mid-Month, 1984-1987

Year	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	CHICK STARTER (Dollars Per Ton)											
1984	230	230	220	220	230	225	220	210	205	205	205	200
1985	195	196	197	197	197	192	192	195	200	190	185	190
1986	195	195	*	184	—	—	185	—	—	197	—	—
1987	176	—	—	164	—	—	221	—	—	172	—	—
	BROILER GROWER (Dollars Per Ton)											
1984	225	225	215	215	225	230	225	215	210	210	210	205
1985	200	197	199	199	199	205	210	210	215	205	200	196
1986	200	190	*	184	—	—	194	—	—	184	—	—
1987	181	—	—	193	—	—	221	—	—	171	—	—
	LAYING FEED (Dollars Per Ton)											
1984	200	200	193	196	200	198	190	185	189	185	185	180
1985	178	170	170	170	177	186	200	199	205	185	175	175
1986	180	183	*	163	—	—	170	—	—	159	—	—
1987	155	—	—	167	—	—	180	—	—	153	—	—
	TURKEY GROWER (Dollars Per Ton)											
1984	225	225	215	215	220	220	210	210	200	199	199	199
1985	195	199	195	195	190	197	210	210	220	200	190	185
1986	176	178	*	205	—	—	220	—	—	205	—	—
1987	200	—	—	200	—	—	203	—	—	203	—	—
	DAIRY FEED - 16% PROTEIN (Dollars Per Ton)											
1984	195	192	192	188	195	195	188	195	185	180	180	175
1985	175	170	165	170	175	175	176	173	175	163	161	162
1986	166	160	*	157	—	—	155	—	—	144	—	—
1987	147	—	—	142	—	—	149	—	—	146	—	—
	SOYBEAN MEAL - 44% PROTEIN (Dollars Per Cwt.)											
1984	19.00	19.00	18.00	18.50	18.50	18.50	18.00	17.50	18.00	17.50	17.00	16.50
1985	16.00	16.50	15.00	15.00	15.00	14.00	14.50	13.50	14.00	13.50	14.00	14.50
1986	15.00	15.50	*	16.40	—	—	15.10	—	—	17.00	—	—
1987	16.90	—	—	16.50	—	—	17.20	—	—	16.70	—	—
	COTTONSEED MEAL - 41% PROTEIN (Dollars Per Cwt.)											
1984	17.50	17.50	17.50	18.00	17.50	16.00	16.50	16.50	16.50	16.00	16.00	16.50
1985	15.00	15.00	15.00	15.00	14.50	15.00	14.00	14.50	13.00	13.00	13.00	13.50
1986	14.00	14.00	*	13.10	—	—	13.30	—	—	13.70	—	—
1987	13.90	—	—	13.90	—	—	14.30	—	—	15.00	—	—
	GASOLINE, UNLEADED, SERVICE STATION (Dollars Per Gallon)											
1984	1.22	1.18	1.20	1.23	1.26	1.26	1.22	1.19	1.20	1.22	1.23	1.23
1985	1.20	1.20	1.20	1.18	1.21	1.25	1.20	1.22	1.22	1.21	1.21	1.18
1986	1.20	1.15	*	.996	—	—	.945	—	—	.890	—	—
1987	.86	—	—	.90	—	—	.97	—	—	1.02	—	—
	GASOLINE, REGULAR, BULK DELIVERY (Dollars Per Gallon)											
1984	1.10	1.06	1.06	1.12	1.15	1.15	1.11	1.09	1.09	1.11	1.13	1.11
1985	1.10	1.09	1.07	1.08	1.12	1.13	1.13	1.11	1.12	1.11	1.11	1.10
1986	1.12	1.11	*	.888	—	—	.866	—	—	.800	—	—
1987	.81	—	—	.89	—	—	.90	—	—	.96	—	—
	DIESEL FUEL (Dollars Per Gallon)											
1984	.95	.94	.94	.94	.94	.94	.93	.91	.89	.91	.93	.91
1985	.91	.90	.87	.88	.90	.90	.90	.89	.88	.88	.91	.94
1986	.95	.88	*	.634	—	—	.544	—	—	.590	—	—
1987	.64	—	—	.60	—	—	.69	—	—	.81	—	—

* State estimates discontinued as of March 1. Pacific Region estimates quarterly thereafter.

1987 Climatological Review

January

The beginning and ending periods in January were warm and wet, while mid-month was cold and generally dry. Several windstorms affected the coast and western interior during the month. Mountain snowpack was lower than normal, causing early concerns about water supplies later in the growing season.

February

Most parts of Oregon had temperatures near average to above average during February. Much of the month's precipitation fell during the first two days and again near mid-month. Wet season total snowfall and precipitation remained below normal at nearly all sites. Streamflow forecasts for the summer were low, particularly in the southeast.

March

March was warmer than average statewide. A warm first half was followed by a cool second half. The beginning and ending days were very warm. Much of the state received average or higher precipitation. However, seasonal snowfall and snowpack were lower than average and streamflow expectations were much below normal in most areas. Supplemental hay feeding requirements were low.

April

Record warm temperatures occurred throughout Oregon in April. Precipitation was less than usual except in the high desert and the southeast. Little new snow fell and an already low snowpack melted more rapidly than average. Streamflow expectations continue much below normal.

May

May brought an early heat spell and record temperatures to Oregon. In fact, the month was one of the warmest Mays on record. Precipitation was generally above average in the southeast portions of the Cascades and the northwest. Mountain snowpack was nearly all melted, streamflows were quite low and stored water supplies were steadily dropping.

June

Despite much day-to-day temperature variation, June was among the warmest on record at some locations. Crop development was one to three weeks ahead of normal due to the warm spring. The month was quite wet in the southeast where numerous thunderstorms occurred. Elsewhere was quite dry. Streamflow continued well below normal.

July

The month was very wet at many locations, setting some records for July. The month was cool statewide; actually the coolest on record at a few locations. A mid-month heat spell changed abruptly to record low daytime highs more typical of late autumn. Some mountain locales had snow. More rainy and/or cloudy days than usual occurred.

August

August was quite dry in almost all areas of the state. Some spots had no rainfall, mainly in the southwest and northeast. Eastern Oregon and the coast were cooler than normal.

September

September continued a dry pattern begun in late July. Very light precipitation led to an unusually dry August-September combination. The month began with very hot weather, then cooled for a few days. Most of the state averaged one to three degrees above normal. An extensive fire outbreak occurred as the month began. Drought stress became more noticeable as fall grain seeding was delayed, particularly in Columbia Basin counties.

October

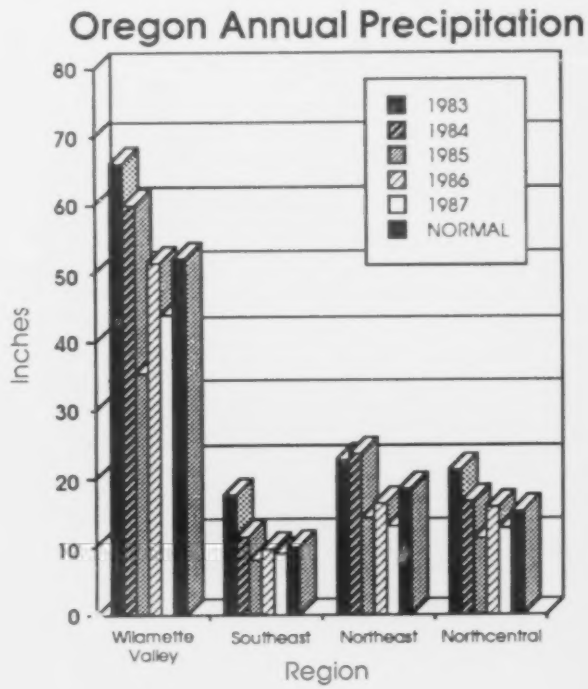
The month was among the driest on record, bringing a succession of beautiful, clear, sunny days. October was among the warmest and sunniest on record as well. The September through October period was the driest in the state's history.

November

An average number of rainy days during the month brought below average precipitation to all but the southeast part of the state. Topsoil dryness was alleviated, but drought conditions remained. November was warmer than average, except in the southeast. Winter snowpack accumulations got off to a slow start.

December

December was the first wetter-than-average month for many locations since July. High winds and heavy rains dominated the first ten days. The remainder of the month was cool and relatively dry. Snowpack was well below average throughout the state.

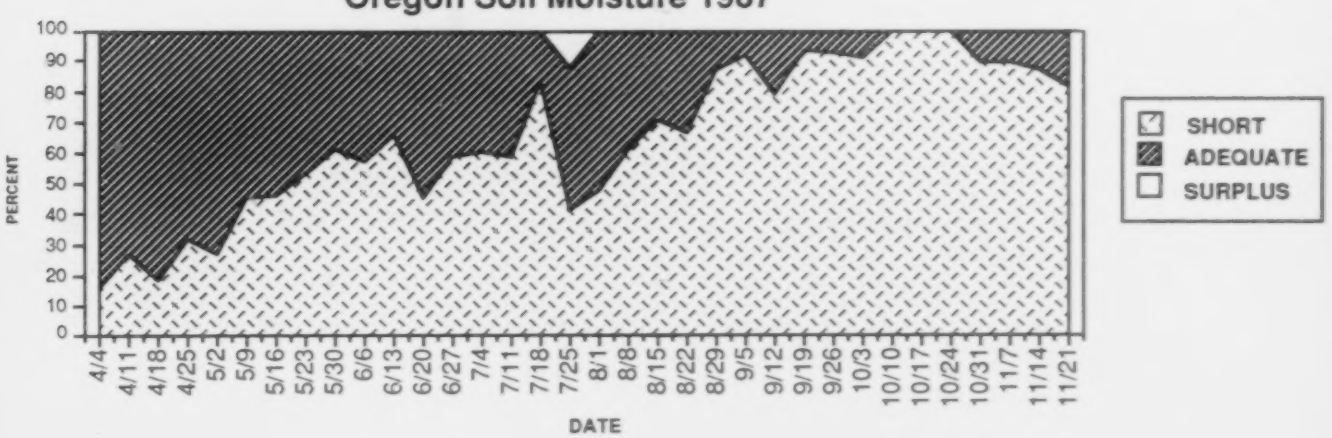


PRECIPITATION: Monthly Totals With Annual Departures From Normal, 1987

Area Station	Monthly Precipitation												Annual	
	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total	Departure*
COASTAL AREA														
Astoria	10.38	5.08	8.52	3.02	3.97	0.65	1.10	0.16	0.95	0.52	4.33	8.85	47.53	-22.00
Brookings	11.41	6.67	12.11	2.83	1.97	0.36	1.06	0.08	0.03	0.40	8.82	19.92	65.66	-10.56
Laurel Mountain	17.34	8.79	18.55	3.57	3.95	0.44	2.52	0.40	0.83	0.53	7.87	25.36	90.15	N/A
Newport	11.94	7.12	11.00	2.52	2.75	0.63	2.43	0.55	0.66	0.13	4.47	11.68	55.88	-18.74
North Bend	12.89	8.86	10.97	2.92	1.64	0.12	0.41	0.45	0.08	0.36	6.58	20.76	66.04	4.90
WILLAMETTE VALLEY														
Eugene	9.66	4.47	2.81	2.04	2.00	0.07	3.00	0.26	0.20	0.24	4.65	15.40	44.80	-1.24
Portland AP	6.93	2.45	4.91	1.94	1.63	0.14	1.03	0.35	0.30	0.27	1.96	8.00	29.91	-7.48
Salem	7.67	3.52	3.98	2.36	1.52	0.26	2.51	0.15	0.14	0.47	3.00	10.92	36.50	-3.85
SOUTHWESTERN VALLEY														
Grants Pass	6.10	5.24	3.23	0.31	0.22	0.06	1.08	0.00	0.00	0.06	1.67	8.07	26.04	-6.57
Medford AP	2.89	2.24	1.34	0.45	0.95	0.12	1.34	T	0.00	T	1.68	3.77	14.78	-5.06
Roseburg	5.11	4.15	3.11	1.25	0.46	0.18	2.98	0.02	0.00	0.06	3.94	8.44	29.70	-3.65
NORTHCENTRAL														
Heppner	1.83	1.14	2.10	0.51	1.40	0.88	0.16	0.23	0.01	0.02	1.01	1.20	10.49	-3.10
Hermiston	1.45	0.76	1.09	0.05	0.51	0.19	0.18	0.00	0.00	0.00	0.35	1.31	5.89	-2.98
Hood River	6.56	3.73	3.06	1.06	0.95	0.22	1.17	0.04	0.06	0.16	1.99	8.99	27.99	-2.86
Moro	1.68	1.10	1.54	0.28	0.99	0.29	0.78	0.11	0.07	0.01	0.66	3.23	10.74	-0.64
Pendleton AP	1.48	0.64	1.39	0.47	0.85	0.38	0.34	0.05	0.03	T	0.76	1.23	7.62	-4.58
SOUTHCENTRAL														
Burns	1.30	1.00	1.54	0.75	0.56	1.50	1.22	0.16	0.02	0.00	1.19	0.99	10.23	N/A
Klamath Falls 2SSW	1.50	0.58	1.69	0.16	0.35	0.56	2.41	0.04	0.00	0.06	0.85	4.02	12.22	-1.43
Lakeview	2.04	1.28	2.30	1.54	1.69	2.37	1.18	0.10	0.00	0.00	0.83	1.93	15.26	-0.54
Madras 2 N	1.76	1.34	1.35	0.20	1.66	0.27	3.06	0.17	0.22	T	0.85	3.19	14.07	N/A
Redmond AP	0.78	0.77	1.07	0.55	1.30	0.13	3.73	0.08	T	T	0.26	1.62	10.29	1.75
NORTHEAST														
Baker	1.07	0.40	0.77	0.30	1.03	1.09	1.41	0.12	0.00	0.00	0.80	1.17	8.16	-2.47
Enterprise 2S	1.31	1.09	2.31	0.76	1.58	1.88	2.46	0.53	0.11	0.00	0.85	1.63	14.51	N/A
La Grande	0.96	1.15	1.17	0.48	1.73	2.51	1.13	0.05	0.14	0.00	1.22	1.89	12.43	-6.36
Ukiah	2.39	1.64	1.70	0.53	1.31	0.89	0.80	0.45	0.07	0.04	1.22	1.85	12.89	-4.01
Union	0.60	1.65	1.33	0.46	1.23	1.62	1.13	0.05	0.09	T	1.03	0.79	9.98	-4.03
SOUTHEAST														
Malheur Exp. Sta.	1.24	0.77	1.37	0.08	1.36	0.96	0.57	0.60	0.00	0.00	1.40	1.46	9.81	-0.20
Ontario	1.34	0.20	1.23	0.45	1.08	0.52	T	0.00	0.00	0.00	1.43	1.26	7.51	-2.09

*NOTE: Departure from average is based on 1951-1980 average.
T - Trace
NA - Not Available

Oregon Soil Moisture 1987



Field Crops

Field preparation for seeding the 1987 fall grain crop began in August of 1986 under rather dry soil conditions. Seeding started in September, but progress was slowed by inadequate moisture. Improved moisture the last half of September aided planting conditions, helping most operators to finish fall seedings slightly ahead of normal. Emergence was also ahead of average. Most fall grains went into winter in good condition and the winter was rather mild. As a result, the condition and development of most fall grains was very good in the spring of 1987. Seeding of spring grains was also ahead of normal. In May, hot, dry weather depleted moisture supplies and caused some stress to grains planted on shallow soils east of the Cascades. By the end of May 1987, 78 percent of the winter wheat was heading, compared with 44 percent normally heading by that date. Small grains turned color rapidly in June. Harvesting of winter wheat started on a limited scale by the end of June, with most of the harvest occurring during July and August. By the first of August, over half of the winter wheat crop was harvested compared to an average of 41 percent. Most of the winter wheat harvested was winding down by mid-August. Progress was slightly ahead of normal.

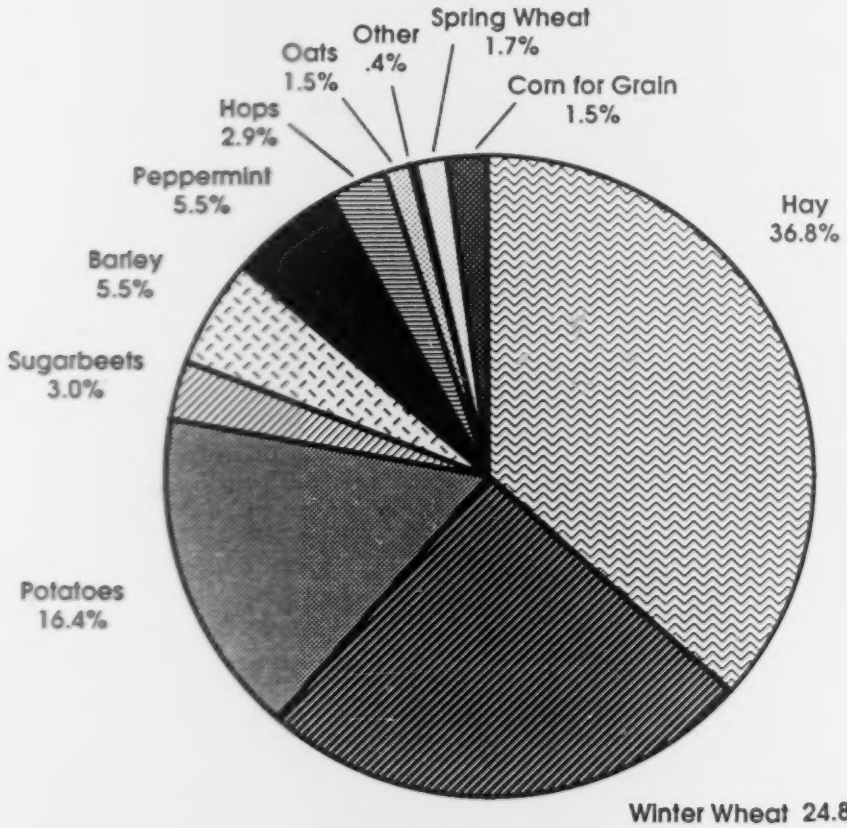
Record high yields were recorded for winter wheat, spring wheat and barley in 1987 but those records were offset by substantial acreage reductions. Winter wheat yields averaged 66.0 bushels per acre in 1987, eight bushels above the 1986 yield. Acres harvested, on the other hand, declined from 930,000 acres in 1986 to 750,000 acres in 1987, resulting in a production level of 49.5 million bushel, down eight percent from 1986. The record spring wheat yield at 57.0 bushels per acre in 1987 was ten bushels higher than 1986. A sharp decline in acres of spring wheat harvested more than offset the high yields resulting in a production level of 3.4 million bushels, down 23 percent from 1986. Barley yields also reached a record high of 70.0 bushels per acre, up 13 bushels from 1986. A sharp decline in acres harvested from 365,000 in 1986 to 220,000 acres in 1987 resulted in a 1987 barley production that was 26 percent below the previous year. Oat producers harvested 5.2 million bushels in 1987, down 32 percent from 1986 resulting from lower harvested acres and average yields.

Production of all hay in 1987 at 3.0 million tons was down 4 percent from 1986. Harvested acres were up; however, average yields were lower.

Oregon's 1987 average corn for grain yield at 165.0 bushels per acre matched the previous record high set in 1985, and is still the second highest yield in the United States. Washington was highest at 170 bushels per acre.

Sugarbeet production in Oregon in 1987 totaled 422,000 tons, 13 percent above 1986. Oregon potato production at 25.9 million hundredweight was up 12 percent from 1986 due to increased acreage and record high average yields. Production of peppermint in 1987 at 2.45 million pounds was 4 percent above the 1986 production. Acres harvested and average yields were both up slightly.

VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY FIELD CROPS, OREGON, 1987



MAJOR FIELD CROPS: Acreage, Production and Value, 1986-1987

Crop and Year	Acreage		Yield Per Acre	Unit	Production	Average Price Per Unit	Value of Production
	Planted	Harvested					
	1,000 Acres				1,000 Units	Dollars	Million Dollars
Wheat, Winter							
1986	970	930	58.0	Bu.	53,940	2.59	139.7
1987	780	750	66.0	Bu.	49,500	2.75	136.1
Wheat, Spring							
1986	100	95	47.0	Bu.	4,465	2.59	11.6
1987	65	60	57.0	Bu.	3,420	2.75	9.4
Wheat, All							
1986	1,070	1,025	57.0	Bu.	58,405	2.59	151.3
1987	845	810	65.3	Bu.	52,920	2.75	145.5
Barley							
1986	375	365	57.0	Bu.	20,805	1.70	35.4
1987	250	220	70.0	Bu.	15,400	1.95	30.0
Oats							
1986	120	80	95.0	Bu.	7,600	1.35	10.3
1987	90	65	80.0	Bu.	5,200	1.55	8.1
Corn for Grain [1]							
1986	60	30	160.0	Bu.	4,800	1.80	8.6
1987	55	24	165.0	Bu.	3,960	2.15	8.5
Corn, Silage							
1986	—	29	24.0	Ton	696	—	N/A
1987	—	30	24.0	Ton	720	—	N/A
Rye							
1986	20	5	40.0	Bu.	200	1.36	.3
1987	20	3	30.0	Bu.	120	1.45	.2
Sugarbeets							
1986	13.0	12.9	30.0	Ton	374	34.20	12.8
1987	13.9	13.7	30.8	Ton	422	—	[2] 16.3
Potatoes, Malheur County							
1986	7.0	6.8	350	Cwt.	2,380	4.05	9.6
1987	7.0	6.8	410	Cwt.	2,788	4.05	11.3
Potatoes, Other Oregon							
1986	46.0	45.2	460	Cwt.	20,792	4.20	87.3
1987	49.0	48.2	480	Cwt.	23,136	3.40	78.7
Potatoes, All							
1986	53.0	52.0	446	Cwt.	23,172	4.20	97.0
1987	56.0	55.0	471	Cwt.	25,924	3.45	90.0
Hops							
1986	—	5.1	1,660	Lb.	8,466	2.08	17.6
1987	—	6.0	1,470	Lb.	8,800	1.78	15.7
Austrian Peas							
1986	3.0	2.5	1,150	Cwt.	29	7.80	.2
1987	4.0	3.0	1,400	Cwt.	42	5.50	.2
Alfalfa Hay							
1986	—	460	4.20	Ton	1,932	—	N/A
1987	—	430	4.20	Ton	1,806	—	N/A
Other Hay							
1986	—	650	1.85	Ton	1,202	—	N/A
1987	—	690	1.75	Ton	1,208	—	N/A
All Hay							
1986	—	1,110	2.82	Ton	3,134	65.00	203.7
1987	—	1,120	2.69	Ton	3,014	67.00	201.9
Peppermint							
1986	—	35.0	67	Lb.	2,345	11.70	27.4
1987	—	35.5	69	Lb.	2,450	12.40	30.4
Spearmint							
1986	—	1.8	85	Lb.	153	14.00	2.1
1987	—	1.5	75	Lb.	113	13.80	1.6
TOTAL SELECTED CROPS							
1986	—	2,753.3	—		—	—	566.7
1987	—	2,387.7	—		—	—	548.4

[1] Corn planted for all purposes.
[2] U.S. price used to derive value. Oregon value available January 1989.

ALL WHEAT: Acreage, Yield, Production and Value, 1870-1987

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres		Bushel	1,000 Bushels	Dollars	1,000 Dollars
1870	—	115	20.0	2,300	—	—
1875	—	255	19.0	4,845	—	—
1880	—	465	20.0	9,300	—	—
1885	—	585	18.0	10,530	—	—
1890	—	590	17.0	10,030	—	—
1895	—	685	20.0	13,700	—	—
1900	—	865	13.7	11,890	—	—
1905	—	670	18.2	12,195	—	—
1910	—	715	19.5	13,938	.88	12,265
1915	—	960	22.0	21,090	.86	18,137
1920	1,073	1,049	20.8	21,795	1.94	42,282
1925	1,614	964	19.6	18,893	1.34	25,317
1930	1,136	1,027	23.0	23,621	.74	17,480
1935	1,082	878	17.7	15,503	.72	11,162
1940	890	839	20.2	16,960	.66	11,194
1945	970	921	23.7	21,810	1.45	31,624
1946	1,050	984	25.6	25,168	1.77	44,548
1947	1,063	976	22.8	22,232	2.19	48,688
1948	1,100	1,052	28.5	29,954	2.01	60,208
1949	1,214	1,058	21.5	22,698	1.98	44,942
1950	997	952	24.9	23,693	2.05	48,570
1951	1,159	1,063	28.2	29,972	2.17	65,039
1952	1,215	1,167	27.4	32,016	2.16	69,155
1953	1,270	1,220	28.1	34,298	2.12	72,711
1954	928	888	29.5	26,196	2.17	56,845
1955	876	824	26.6	21,899	2.03	44,455
1956	919	816	31.4	25,607	2.03	51,982
1957	786	745	36.0	26,788	2.04	54,647
1958	861	821	34.3	28,147	1.81	50,946
1959	838	800	35.8	28,608	1.80	51,494
1960	838	793	33.6	26,626	1.81	48,193
1961	832	796	25.9	20,602	1.89	38,938
1962	751	687	36.8	25,264	1.97	49,770
1963	829	789	35.5	27,998	1.90	53,196
1964	840	791	34.6	27,385	1.33	36,422
1965	942	806	35.2	28,399	1.36	38,751
1966	806	757	33.8	25,558	1.58	40,382
1967	1,063	1,030	31.6	32,575	1.42	46,257
1968	1,012	954	30.9	29,434	1.28	37,669
1969	817	772	38.2	29,502	1.31	38,647
1970	735	673	39.7	26,717	1.46	39,007
1971	809	768	44.9	34,500	1.43	49,335
1972	918	879	41.9	36,848	2.05	75,539
1973	1,125	1,032	34.9	35,976	4.65	167,288
1974	1,324	1,265	41.7	52,745	4.44	234,188
1975	1,310	1,255	46.2	58,040	3.78	219,391
1976	1,370	1,333	45.2	60,301	2.79	168,240
1977	1,308	1,230	38.7	47,620	2.77	131,908
1978	1,285	1,225	42.4	51,925	3.51	182,257
1979	1,450	1,245	46.0	57,310	3.79	217,205
1980	1,410	1,350	57.3	77,400	3.98	308,052
1981	1,300	1,260	59.0	74,330	3.84	285,427
1982	1,260	1,200	52.9	63,500	4.02	255,270
1983	1,170	1,085	60.4	65,570	3.69	241,953
1984	1,200	1,115	61.8	68,945	3.47	239,240
1985	1,140	1,065	52.6	56,040	3.38	189,415
1986	1,070	1,025	57.0	58,405	2.59	151,269
1987	845	810	65.3	52,920	2.75	145,530

WINTER WHEAT: Acreage, Yield and Production, by County, 1986-1987

District and County	1986				1987			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	17,500	16,500	87.0	1,435,500	13,100	12,900	70.0	903,000
Clackamas	9,500	9,000	83.0	747,000	9,700	9,400	83.0	770,800
Columbia	600	600	90.0	54,000	500	500	90.0	45,000
Lane	10,700	10,400	89.0	925,600	7,300	7,200	79.0	568,800
Linn	25,000	23,500	85.0	1,997,500	16,500	15,700	75.0	1,177,500
Marion	29,000	27,700	91.0	2,520,700	22,600	21,300	85.0	1,810,500
Multnomah	2,000	2,000	95.0	190,000	1,700	1,700	85.0	144,500
Polk	33,000	32,000	83.0	2,656,000	29,000	28,200	75.0	2,115,000
Washington	20,000	19,000	92.0	1,748,000	19,000	18,600	79.0	1,469,400
Yamhill	37,000	36,000	90.0	3,240,000	33,400	32,500	74.0	2,405,000
TOTAL	184,300	176,700	87.8	15,514,300	152,800	148,000	77.1	11,409,500
NORTH CENTRAL:								
Gilliam	103,000	97,000	36.0	3,492,000	79,200	75,000	46.0	3,450,000
Morrow	158,000	154,500	42.0	6,489,000	112,000	109,000	60.0	6,540,000
Sherman	101,000	98,000	39.0	3,822,000	78,000	77,000	49.0	3,775,200
Wasco	63,500	61,100	45.0	2,749,500	48,300	46,500	59.0	2,743,500
TOTAL	425,500	410,600	40.3	16,552,500	317,500	307,500	53.7	16,508,700
NORTHEAST:								
Baker	9,500	9,000	63.0	567,000	4,100	3,900	70.0	273,000
Umatilla	245,500	237,600	57.9	13,757,700	221,500	212,000	71.0	15,052,000
Union	31,000	29,000	72.0	2,088,000	30,500	28,000	71.0	1,988,000
Wallowa	10,000	9,000	55.0	495,000	8,100	7,800	58.0	452,400
TOTAL	296,000	284,600	59.4	16,907,700	264,200	251,700	70.6	17,765,400
SOUTHWEST:								
Douglas	3,500	2,800	76.0	212,800	2,300	2,300	80.0	184,000
Jackson	2,700	2,400	67.0	160,800	2,000	1,900	60.0	114,000
Josephine	500	400	50.0	20,000	100	100	55.0	5,500
TOTAL	6,700	5,600	70.3	393,600	4,400	4,300	70.6	303,500
SOUTHEAST:								
Crook	3,100	2,800	93.0	260,400	2,300	1,500	80.0	120,000
Deschutes	800	600	95.0	57,000	500	500	100.0	50,000
Grant	2,000	400	40.0	16,000	400	300	62.0	18,600
Harney	1,100	700	40.0	28,000	900	700	48.0	33,600
Jefferson	17,000	16,000	79.0	1,264,000	7,100	6,400	100.0	640,000
Klamath	1,500	1,400	70.0	98,000	500	500	95.0	47,500
Lake	1,600	1,500	33.0	49,500	1,800	1,700	45.0	76,500
Malheur	28,200	27,000	101.3	2,736,000	24,800	24,400	99.5	2,426,700
Wheeler	2,200	2,100	30.0	63,000	2,800	2,500	40.0	100,000
TOTAL	57,500	52,500	87.1	4,571,900	41,100	38,500	91.2	3,512,900
STATE TOTAL	970,000	930,000	58.0	53,940,000	780,000	750,000	66.0	49,500,000

SPRING WHEAT: Acreage, Yield and Production, by County, 1986-1987

District and County	1986				1987			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	2,500	2,500	60.0	150,000	500	500	41.0	20,500
Clackamas	2,200	2,000	50.0	100,000	500	500	52.0	26,000
Columbia	—	—	—	—	100	100	45.0	4,500
Lane	700	600	55.0	33,000	700	600	42.0	25,200
Linn	1,600	1,500	45.0	67,500	1,500	1,500	40.0	60,000
Marion	2,500	2,300	50.0	115,000	1,300	1,200	61.0	73,200
Polk	2,100	2,000	50.0	100,000	1,500	1,500	35.0	52,500
Washington	1,100	1,000	55.0	55,000	1,000	900	50.0	45,000
Yamhill	4,000	4,000	60.0	240,000	1,600	1,500	45.0	67,500
TOTAL	16,700	15,900	54.1	860,500	8,700	8,300	45.1	374,400
NORTH CENTRAL:								
Gilliam	15,700	15,000	25.0	375,000	9,000	8,000	34.0	272,000
Morrow	5,100	5,000	35.0	175,000	4,000	4,000	60.0	240,000
Sherman	4,000	4,000	25.0	100,000	1,000	1,000	25.0	25,000
Wasco	4,300	3,900	40.0	156,000	2,700	2,500	45.0	112,500
TOTAL	29,100	27,900	28.9	806,000	16,700	15,500	41.9	649,500
NORTHEAST:								
Baker	1,300	1,000	45.0	45,000	800	700	68.0	47,600
Umatilla	14,500	14,000	48.0	672,500	10,500	10,000	51.6	516,000
Union	5,600	5,500	50.0	275,000	4,500	4,000	65.0	260,000
Wallowa	5,300	5,200	40.0	208,000	3,600	3,000	55.0	165,000
TOTAL	26,700	25,700	46.7	1,200,500	19,400	17,700	55.9	988,600
SOUTHWEST:								
Douglas	—	—	—	—	200	200	40.0	8,000
Jackson	100	100	50.0	5,000	200	100	45.0	4,500
TOTAL	100	100	50.0	5,000	400	300	41.7	12,500
SOUTHEAST:								
Crook	1,000	900	64.0	57,600	1,400	1,100	95.0	104,500
Deschutes	1,000	800	60.0	48,000	600	500	70.0	35,000
Harney	1,600	1,500	50.0	75,000	300	300	55.0	16,500
Jefferson	6,300	6,000	55.0	330,000	6,000	5,500	76.0	418,000
Klamath	9,100	8,600	70.0	602,000	7,700	7,500	79.0	592,500
Lake	1,800	1,200	42.0	50,400	800	700	35.0	24,500
Malheur	6,200	6,000	70.0	420,000	2,800	2,500	80.0	200,000
Wheeler	400	400	25.0	10,000	200	100	40.0	4,000
TOTAL	27,400	25,400	62.7	1,593,000	19,800	18,200	76.6	1,395,000
STATE TOTAL	100,000	95,000	47.0	4,465,000	65,000	60,000	57.0	3,420,000

ALL WHEAT: Acreage, Yield and Production, by County, 1986-1987

District and County	1986 Acreage Planted	1986 Acreage Harvested	1986 Yield Per Acre	1986 Production	1987 Acreage Planted	1987 Acreage Harvested	1987 Yield Per Acre	1987 Production
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	20,000	19,000	83.4	1,585,500	13,600	13,400	68.9	923,500
Clackamas	11,700	11,000	77.0	847,000	10,200	9,900	80.5	796,800
Columbia	600	600	90.0	54,000	600	600	82.5	49,500
Lane	11,400	11,000	87.1	958,600	8,000	7,800	76.2	594,000
Linn	26,600	25,000	82.6	2,065,000	18,000	17,200	71.9	1,237,500
Marion	31,500	30,000	87.9	2,635,700	23,900	22,500	83.7	1,883,700
Multnomah	2,000	2,000	95.0	190,000	1,700	1,700	85.0	144,500
Polk	35,100	34,000	81.1	2,756,000	30,500	29,700	73.0	2,167,500
Washington	21,100	20,000	90.2	1,803,000	20,000	19,500	77.7	1,514,400
Yamhill	41,000	40,000	87.0	3,480,000	35,000	34,000	72.7	2,472,500
TOTAL	201,000	192,600	85.0	16,374,800	161,500	156,300	75.4	11,783,900
NORTHCENTRAL:								
Gilliam	118,700	112,000	34.5	3,867,000	88,200	83,000	44.8	3,722,000
Morrow	163,100	159,500	41.8	6,664,000	116,000	113,000	60.0	6,780,000
Sherman	105,000	102,000	38.5	3,922,000	79,000	78,000	48.7	3,800,200
Wasco	67,800	65,000	44.7	2,905,500	51,000	49,000	58.3	2,856,000
TOTAL	454,600	438,500	39.6	17,358,500	334,200	323,000	53.1	17,158,200
NORTHEAST:								
Baker	10,800	10,000	61.2	612,000	4,900	4,600	69.7	320,600
Umatilla	260,000	251,600	57.4	14,430,200	232,000	222,000	70.1	15,568,000
Union	36,600	34,500	68.5	2,363,000	35,000	32,000	70.3	2,248,000
Wallowa	15,300	14,200	49.5	703,000	11,700	10,800	57.2	617,400
TOTAL	322,700	310,300	58.4	18,108,200	283,600	269,400	69.6	18,754,000
SOUTHWEST:								
Douglas	3,500	2,800	76.0	212,800	2,500	2,500	76.8	192,000
Jackson	2,800	2,500	66.3	165,800	2,200	2,000	59.3	118,500
Josephine	500	400	50.0	20,000	100	100	55.0	5,500
TOTAL	6,800	5,700	69.9	398,600	4,800	4,600	68.0	316,000
SOUTHEAST:								
Crook	4,100	3,700	85.9	318,000	3,700	2,600	86.3	224,500
Deschutes	1,800	1,400	75.0	105,000	1,100	1,000	90.0	90,000
Grant	2,000	400	40.0	16,000	400	300	62.0	18,600
Harney	2,700	2,200	46.8	103,000	1,200	1,000	50.1	50,100
Jefferson	23,300	22,000	72.5	1,594,000	13,100	11,900	88.9	1,058,000
Klamath	10,600	10,000	70.0	700,000	8,200	8,000	80.0	640,000
Lake	3,400	2,700	37.0	99,900	2,600	2,400	42.1	101,000
Malheur	34,400	33,000	95.6	3,156,000	27,600	26,900	97.5	2,621,700
Wheeler	2,600	2,500	29.2	73,000	3,000	2,600	40.0	104,000
TOTAL	84,900	77,900	79.1	6,164,900	60,900	56,700	86.6	4,907,900
STATE TOTAL	1,070,000	1,025,000	57.0	58,405,000	845,000	810,000	65.3	52,920,000

ALL WHEAT IRRIGATED: Acreage, Yield and Production, by County, 1986-1987

District and County	1986				1987			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	1,100	1,100	72.6	79,900	1,000	1,000	65.0	65,000
Clackamas	1,700	1,400	56.4	79,000	200	200	80.0	16,000
Lane	2,600	2,600	93.5	243,000	1,800	1,800	84.2	151,600
Linn	900	900	78.3	70,500	2,600	2,600	91.2	237,000
Marion	4,800	4,600	95.0	437,000	8,500	7,900	89.7	708,400
Polk	400	300	85.0	25,500	100	100	60.0	6,000
Washington	1,400	1,400	76.4	107,000	1,100	1,100	76.8	84,500
Yamhill	600	600	95.0	57,000	1,000	1,000	76.1	76,100
TOTAL	13,500	12,900	85.2	1,098,900	16,300	15,700	85.6	1,344,600
NORTH CENTRAL:								
Gilliam	2,000	2,000	91.0	182,000	1,600	1,600	60.0	96,000
Morrow	21,900	21,900	99.2	2,172,000	22,300	22,300	109.4	2,439,100
Sherman	1,700	1,700	60.0	102,000	1,000	1,000	105.0	105,000
Wasco	6,000	5,700	66.9	381,500	5,000	4,900	67.1	329,000
TOTAL	31,600	31,300	90.7	2,837,500	29,900	29,800	99.6	2,969,100
NORTHEAST:								
Baker	7,000	6,800	73.1	497,000	4,300	4,000	73.8	295,100
Umatilla	31,400	30,700	90.1	2,764,600	46,300	45,500	96.4	4,386,600
Union	13,500	13,500	76.8	1,036,500	14,700	14,100	75.6	1,065,300
Wallowa	4,100	4,000	65.9	263,500	4,400	4,200	73.9	310,400
TOTAL	56,000	55,000	82.9	4,561,600	69,700	67,800	89.3	6,057,400
SOUTHWEST:								
Douglas	—	—	—	—	300	300	66.0	19,800
Jackson	900	900	85.6	77,000	500	500	72.0	36,000
TOTAL	900	900	85.6	77,000	800	800	69.8	55,800
SOUTHEAST:								
Crook	3,500	3,200	93.4	299,000	3,400	2,600	86.3	224,500
Deschutes	1,600	1,400	75.0	105,000	1,000	1,000	85.0	85,000
Grant	—	—	—	—	200	200	75.5	15,100
Harney	1,500	1,500	50.0	75,000	300	300	55.0	16,500
Jefferson	14,900	13,700	99.1	1,357,600	11,300	10,700	95.2	1,018,200
Klamath	9,900	9,500	70.9	673,500	8,000	7,800	81.4	635,000
Lake	2,200	1,700	47.3	80,400	600	500	50.0	25,000
Malheur	31,400	30,900	100.1	3,094,500	25,500	24,800	103.4	2,563,800
TOTAL	65,000	61,900	91.8	5,685,000	50,300	47,900	95.7	4,583,100
STATE TOTAL	167,000	162,000	88.0	14,260,000	167,000	162,000	92.7	15,010,000

ALL WHEAT VARIETIES: Planted Acres, 1987 and 1988

Varieties by Class	% of All Wheat		Planted Acres [1]		1988 Planted Acres by District [2]				
	1987	1988	1987	1988	NW	NC	NE	SW	SE
Soft White Winter									
Stephens	76.9	70.2	649,900	561,400	86,900	235,000	206,300	1,200	32,000
Hill - 81	4.7	6.6	39,700	52,600	40,000	3,700	8,700	—	200
Daws	2.5	1.9	20,800	15,500	8,900	400	5,800	—	400
Dusty	1.4	1.1	11,600	9,100	300	3,600	5,200	—	—
Yamhill	1.4	1.1	12,200	8,600	6,800	100	600	400	700
Malcomb	*	.7	400	5,200	1,400	800	800	1,800	400
Nugains	.1	.6	1,200	4,400	100	800	800	—	2,700
Lewjain	.6	.2	5,300	1,300	—	—	1,300	—	—
McDermid	1.5	.1	12,900	800	—	—	—	—	800
Hyslop	.3	.1	2,300	800	600	—	—	100	100
Goldcoin	.5	.1	4,300	600	—	300	100	—	200
Other & Unknown	.2	*	1,500	400	—	—	400	—	—
Total	90.2	81.6	762,100	660,700	145,000	244,700	230,000	3,500	37,500
Soft White Spring									
Dirkwin	.8	3.9	6,800	31,400	2,600	22,000	5,900	—	900
Owens	1.2	2.8	9,800	22,400	7,800	4,200	7,300	—	3,100
Twin	.6	1.6	4,800	13,000	400	10,000	100	—	2,500
Bliss	.1	.4	1,200	2,800	—	—	400	—	2,400
Waverly	*	.1	200	900	—	200	300	—	400
Fieldwin	.1	.1	1,200	1,000	—	—	—	100	900
Fielder	.1	.1	1,200	800	100	100	200	200	200
Adams	*	*	100	400	300	—	100	—	—
Other & Unknown	.6	.1	4,900	600	—	400	—	—	200
Total	3.6	9.2	30,200	73,300	11,200	36,900	14,300	300	10,600
White Club									
Crew	.5	2.4	4,000	19,500	—	19,500	—	—	—
Tres	.4	.9	3,500	7,500	—	3,000	4,500	—	—
Jacmar	—	.4	—	2,900	—	2,700	200	—	—
Moro	.4	.2	3,500	1,800	—	1,300	—	—	500
Faro	.2	.1	1,500	500	—	500	—	—	—
Other & Unknown	—	.1	—	700	—	700	—	—	—
Total	1.5	4.1	12,500	32,900	—	27,700	4,700	—	500
All White Wheat	95.2	95.9	804,800	766,900	156,200	309,300	249,000	3,800	48,600
Hard Red Winter									
Ute	.3	.8	2,500	6,200	—	2,600	3,600	—	—
Hail	.3	—	2,900	—	—	—	—	—	—
Other & Unknown	—	*	—	200	—	—	200	—	—
Total	.6	.8	5,400	6,400	—	2,600	3,800	—	—
Hard Red Spring									
Westbred 906R	.9	1.1	7,200	8,800	—	100	4,600	—	4,100
Yecoro Rojo	2.0	1.3	17,200	10,700	—	200	500	—	10,000
Kodiak	.1	.1	600	500	—	—	500	—	—
Other & Unknown	.7	.3	6,300	2,200	500	500	900	—	300
Total	3.7	2.8	31,300	22,200	500	800	6,500	—	14,400
All Red Wheat	4.3	3.6	36,700	28,600	500	3,400	10,300	—	14,400
Durum									
881	.3	.2	2,200	1,200	—	—	1,200	—	—
Other & Unknown	.2	.4	1,300	3,300	—	1,300	2,000	—	—
Total	.4	.6	3,500	4,500	—	1,300	3,200	—	—
All Wheat	100.0	100.0	845,000	800,000	156,700	314,000	262,500	3,800	63,000

* Less than .1 percent. [1] Preliminary 1988 planted acreage estimates. [2] NW: Benton, Clackamas, Clatsop, Columbia, Lane, Lincoln, Linn, Marion, Multnomah, Polk, Tillamook, Washington, Yamhill. NC: Gilliam, Hood River, Morrow, Sherman, Wasco. NE: Baker, Umatilla, Union, Wallowa. SW: Coos, Curry, Douglas, Jackson, Josephine. SE: Crook, Deschutes, Grant, Harney, Jefferson, Klamath, Lake, Malheur, Wheeler.

BARLEY: Acreage, Yield, Production and Value, 1870-1987

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres		Bushel	1,000 Bushels	Dollars	1,000 Dollars
1870	—	7	30.5	214	.75	160
1875	—	20	29.0	580	.80	464
1880	—	29	29.0	841	.67	563
1885	—	35	29.5	1,032	.49	506
1890	—	42	27.5	1,155	.70	808
1895	—	55	22.5	1,238	.40	495
1900	—	66	28.0	1,848	.42	776
1905	—	92	28.5	2,622	.52	1,363
1910	—	100	23.0	2,300	.63	1,449
1915	—	85	25.0	2,125	.55	1,169
1920	—	67	27.5	1,842	1.24	2,284
1925	—	84	28.0	2,352	.69	1,623
1930	90	72	31.2	2,246	.48	1,078
1935	142	112	27.0	3,024	.47	1,421
1940	263	213	25.0	5,325	.50	2,662
1945	285	257	29.5	7,582	1.06	8,037
1946	302	278	34.0	9,452	1.32	12,477
1947	323	300	35.5	10,650	1.68	17,892
1948	381	351	34.5	12,110	1.19	14,411
1949	297	274	32.0	8,768	1.16	10,171
1950	362	337	32.0	10,784	1.25	13,480
1951	362	337	31.0	10,447	1.39	14,521
1952	304	276	38.0	10,488	1.56	16,361
1953	328	301	38.0	11,438	1.19	13,611
1954	558	527	37.0	19,499	1.17	22,814
1955	614	559	32.0	17,888	.99	17,709
1956	620	570	37.5	21,375	1.04	22,230
1957	651	616	35.5	21,868	.98	21,431
1958	618	585	34.0	19,890	1.01	20,089
1959	598	538	36.5	19,637	1.01	19,833
1960	514	457	36.0	16,452	1.03	16,946
1961	519	484	34.5	16,698	1.06	17,700
1962	467	407	43.5	17,704	1.01	17,881
1963	481	427	39.0	16,653	.98	16,320
1964	462	393	40.5	15,916	1.05	16,712
1965	439	369	46.0	16,974	1.08	18,332
1966	452	410	41.0	16,810	1.16	19,500
1967	298	266	32.5	8,645	1.11	9,596
1968	336	279	37.5	10,462	1.01	10,567
1969	444	399	44.0	17,556	.94	16,503
1970	440	395	46.0	18,170	1.03	18,715
1971	392	355	51.0	18,105	1.08	19,553
1972	281	250	48.0	12,000	1.45	17,400
1973	270	230	40.0	9,200	2.41	22,172
1974	215	190	45.0	8,550	2.98	25,479
1975	200	177	51.0	9,027	2.53	22,838
1976	195	174	50.0	8,700	2.36	20,532
1977	210	190	47.0	8,930	1.89	16,878
1978	225	200	54.0	10,800	1.91	20,628
1979	180	160	52.0	8,320	2.47	20,550
1980	170	155	65.0	10,075	2.97	29,923
1981	220	205	60.0	12,300	2.52	30,996
1982	260	250	62.0	15,500	2.22	34,410
1983	280	270	61.0	16,470	2.59	42,657
1984	290	280	62.0	17,360	2.37	41,143
1985	360	350	55.0	19,250	2.00	38,500
1986	375	365	57.0	20,805	1.70	35,369
1987	250	220	70.0	15,400	1.95	30,030

BARLEY: Acreage, Yield and Production, by County, 1986-1987

District and County	1986				1987			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	1,100	1,100	70.0	77,000	600	500	60.0	30,000
Clackamas	800	800	75.0	60,000	700	600	65.0	39,000
Columbia	700	700	70.0	49,000	600	500	60.0	30,000
Lane	1,900	1,900	75.0	142,500	1,100	1,000	60.0	60,000
Linn	2,500	2,500	70.0	175,000	1,800	1,500	60.0	90,000
Marion	2,000	1,800	65.0	117,000	1,100	1,000	65.0	65,000
Multnomah	700	700	80.0	56,000	400	300	60.0	18,000
Polk	2,600	2,600	75.0	195,000	2,200	2,000	63.0	126,000
Washington	1,600	1,600	65.0	104,000	800	700	55.0	38,500
Yamhill	2,700	2,700	70.0	189,000	2,600	2,400	63.0	151,200
TOTAL	16,600	16,400	71.0	1,164,500	11,900	10,500	61.7	647,700
NORTHCENTRAL:								
Gilliam	25,900	25,000	40.0	1,000,000	15,000	14,000	50.0	700,000
Morrow	41,300	41,000	42.0	1,722,000	17,000	15,500	50.0	775,000
Sherman	45,000	45,000	39.0	1,755,000	20,700	18,200	50.0	910,000
Wasco	25,000	25,000	44.0	1,100,000	9,000	6,000	60.0	360,000
TOTAL	137,200	136,000	41.0	5,577,000	61,700	53,700	51.1	2,745,000
NORTHEAST:								
Baker	6,500	6,500	72.0	468,000	5,000	4,500	78.4	353,000
Umatilla	102,000	100,000	57.6	5,755,500	67,500	60,000	77.1	4,623,400
Union	16,000	15,000	72.0	1,080,000	13,900	12,000	73.0	876,000
Wallowa	25,000	25,000	60.0	1,500,000	22,000	19,800	67.0	1,326,600
TOTAL	149,500	146,500	60.1	8,803,500	108,400	96,300	74.5	7,179,000
SOUTHWEST:								
Douglas	500	500	72.0	36,000	300	300	60.0	18,000
Jackson	1,700	1,700	65.0	110,500	1,700	1,500	60.0	90,000
Josephine	300	300	50.0	15,000	100	100	55.0	5,500
TOTAL	2,500	2,500	64.6	161,500	2,100	1,900	59.7	113,500
SOUTHEAST:								
Crook	2,000	1,700	95.0	161,500	1,700	1,200	90.0	108,000
Deschutes	800	700	80.0	56,000	500	500	85.0	42,500
Grant	600	200	35.0	7,000	300	200	55.0	11,000
Harney	9,000	6,000	55.7	334,000	6,800	3,900	55.0	214,500
Jefferson	3,300	3,000	85.0	255,000	1,600	1,500	100.0	150,000
Klamath	30,500	30,000	90.0	2,700,000	32,000	30,000	90.0	2,699,300
Lake	6,500	6,000	50.0	300,000	6,500	6,000	50.0	300,000
Malheur	15,000	14,500	85.0	1,232,500	15,000	13,000	88.0	1,144,000
Wheeler	1,500	1,500	35.0	52,500	1,500	1,300	35.0	45,500
TOTAL	69,200	63,600	80.2	5,098,500	65,900	57,600	81.9	4,714,800
STATE TOTAL	375,000	365,000	57.0	20,805,000	250,000	220,000	70.0	15,400,000

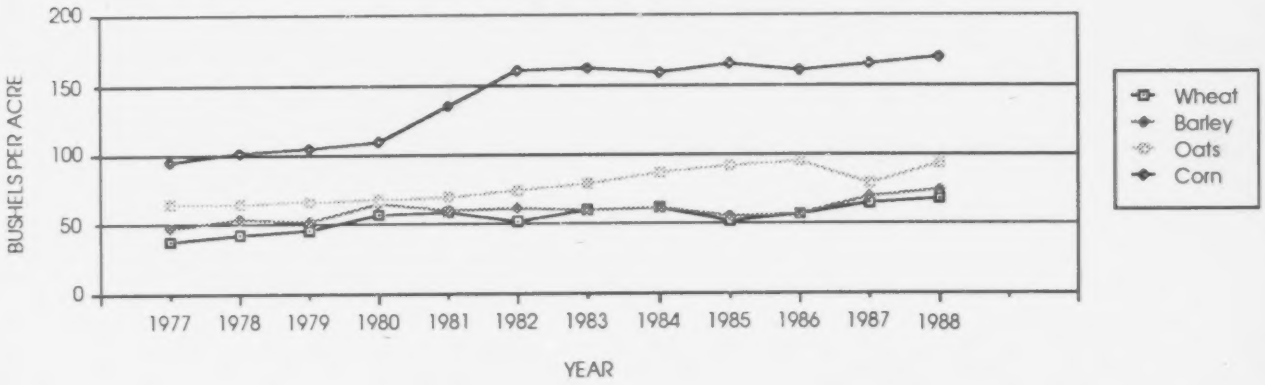
ALL OATS: Acreage, Yield and Production, by County, 1986-1987

District and County	1986				1987			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted	Harvested			Planted	Harvested		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	3,100	3,000	80.0	240,000	1,500	1,200	70.0	84,000
Clackamas	5,800	4,800	100.0	480,000	3,700	3,000	75.0	225,000
Clatsop	100	—	—	—	100	—	—	—
Columbia	800	600	85.0	51,000	200	200	65.0	13,000
Lane	4,400	3,500	80.0	280,000	3,600	2,600	65.0	169,000
Lincoln	100	—	—	—	—	—	—	—
Linn	5,700	5,000	85.0	425,000	3,900	3,500	75.0	262,500
Marion	13,000	11,000	107.0	1,175,700	8,000	6,800	75.0	510,000
Multnomah	800	500	100.0	50,000	700	500	80.0	40,000
Polk	14,500	12,800	95.0	1,216,000	13,500	12,500	80.0	1,000,000
Washington	9,000	7,000	110.0	770,000	8,600	7,500	80.0	600,000
Yamhill	17,000	13,500	98.0	1,323,000	10,700	10,200	80.0	816,000
TOTAL	74,300	61,700	97.4	6,010,700	54,500	48,000	77.5	3,719,500
NORTHCENTRAL:								
Gilliam	1,000	800	50.0	40,000	400	400	53.0	21,200
Hood River	—	—	—	—	100	—	—	—
Morrow	600	100	40.0	4,000	200	100	45.0	4,500
Sherman	100	100	40.0	4,000	200	100	40.0	4,000
Wasco	300	200	50.0	10,000	1,000	300	48.0	14,400
TOTAL	2,000	1,200	48.3	58,000	1,900	900	49.0	44,100
NORTHEAST:								
Baker	2,000	400	77.0	30,800	1,100	200	60.0	12,000
Umatilla	1,300	500	100.0	50,000	1,500	900	90.0	81,000
Union	2,500	1,300	75.0	97,500	1,200	300	70.0	21,000
Wallowa	3,000	2,800	85.0	238,000	2,300	2,200	80.0	176,000
TOTAL	8,800	5,000	83.3	416,300	6,100	3,600	80.6	290,000
SOUTHWEST:								
Coos	100	—	—	—	100	—	—	—
Douglas	600	500	75.0	37,500	500	300	50.0	15,000
Jackson	500	200	65.0	13,000	500	200	60.0	12,000
Josephine	200	100	70.0	7,000	200	100	59.0	5,900
TOTAL	1,400	800	71.9	57,500	1,300	600	54.8	32,900
SOUTHEAST:								
Crook	2,200	200	90.0	18,000	2,500	200	90.0	18,000
Deschutes	2,500	700	80.0	56,000	1,000	500	70.0	35,000
Grant	3,100	200	60.0	12,000	1,500	200	70.0	14,000
Harney	5,000	3,200	70.0	224,000	5,000	3,000	70.0	210,000
Jefferson	700	500	150.0	75,000	1,500	500	110.0	55,000
Klamath	11,400	4,000	115.0	460,000	8,000	5,500	115.0	632,500
Lake	2,000	400	60.0	24,000	2,700	1,000	69.0	69,000
Malheur	5,100	1,900	95.0	180,500	3,500	800	90.0	72,000
Wheeler	1,500	200	40.0	8,000	500	200	40.0	8,000
TOTAL	33,500	11,300	93.6	1,057,500	26,200	11,900	93.6	1,113,500
STATE TOTAL	120,000	80,000	95.0	7,600,000	90,000	65,000	80.0	5,200,000

FIELD CORN: Acreage, Yield and Production, by County, 1986-1987

District and County	1986				1987			
	Acreage		Yield Per Acre	Production	Acreage		Yield Per Acre	Production
	Planted All Purposes	Harvested For Grain			Planted All Purposes	Harvested For Grain		
	Acres		Bushels		Acres		Bushels	
NORTHWEST:								
Benton	900	—	—	—	800	—	—	—
Clackamas	2,800	450	130.0	58,500	3,000	500	130.0	65,000
Columbia	600	—	—	—	600	—	—	—
Lane	1,500	—	—	—	1,300	—	—	—
Linn	1,300	100	120.0	12,000	1,300	100	120.0	12,000
Marion	4,000	150	120.0	18,000	4,000	100	125.0	12,500
Multnomah	400	100	120.0	12,000	300	—	—	—
Polk	1,500	650	130.0	84,500	1,800	500	130.0	65,000
Washington	4,000	150	100.0	15,000	3,500	—	—	—
Yamhill	2,500	550	150.0	82,500	2,500	500	140.0	70,000
Tillamook	—	—	—	—	100	—	—	—
Total	19,500	2,150	131.4	282,500	19,200	1,700	132.1	224,500
NORTHCENTRAL:								
Gilliam	—	—	—	—	100	—	—	—
Hood River	100	—	—	—	100	—	—	—
Morrow	9,500	8,000	173.0	1,384,000	8,400	6,900	179.0	1,235,100
Sherman	—	—	—	—	100	—	—	—
Total	9,600	8,000	173.0	1,384,000	8,700	6,900	179.0	1,235,100
NORTHEAST:								
Baker	400	50	120.0	6,000	500	—	—	—
Umatilla	12,300	9,800	170.2	1,667,500	10,400	8,500	178.9	1,521,000
Total	12,700	9,850	169.9	1,673,500	10,900	8,500	178.9	1,521,000
SOUTHWEST:								
Coos	500	—	—	—	500	—	—	—
Douglas	200	—	—	—	100	—	—	—
Jackson	600	—	—	—	600	—	—	—
Josephine	600	—	—	—	700	—	—	—
Total	1,900	—	—	—	1,900	—	—	—
SOUTHEAST:								
Deschutes	100	—	—	—	—	—	—	—
Grant	—	—	—	—	100	100	70.0	7,000
Jefferson	200	—	—	—	200	—	—	—
Malheur	16,000	10,000	146.0	1,460,000	14,000	6,800	143.0	972,400
Total	16,300	10,000	146.0	1,460,000	14,300	6,900	141.9	979,400
STATE TOTAL	60,000	30,000	160.0	4,800,000	55,000	24,000	165.0	3,960,000

Grain Yields, Selected Crops, 1977-1988



STOCKS OF MAJOR GRAINS AND HAY: 1978-1988

Crop and Year	January 1[1]		April 1[1]		June 1		October 1[1]	
	Off Farm Total	Total All Positions	Off Farm Total	Total All Positions	Off Farm Total	Total All Positions	Off Farm Total	Total All Positions
	1,000 Bushels							
WHEAT								
1978	25,567	38,424	17,691	23,882	11,254	15,540	33,703	52,396
1979	25,920	40,978	18,474	26,782	13,641	17,276	38,653	60,431
1980	30,384	48,723	22,027	34,062	19,062	23,647	49,095	73,089
1981	34,931	55,829	25,405	40,885	19,207	27,721	48,277	72,063
1982	37,118	58,674	26,312	41,921	15,610	25,273	39,662	63,792
1983	30,735	51,055	22,171	36,141	18,463	27,353	46,803	73,687
1984	33,916	58,177	30,789	47,837	24,397	37,511	44,385	70,584
1985	38,131	58,815	30,444	44,922	29,534	41,255	51,692	75,229
1986	44,429	64,603	39,099	53,669	36,830	49,719	57,031	81,547
1987	49,300	70,300	42,400	54,400	36,800	45,800	52,900	78,900
1988	49,100	69,100	39,300	50,300	33,247	43,247	—	—
BARLEY								
1978	4,346	6,846	3,144	4,484	1,568	1,925	4,955	9,383
1979	3,806	6,398	2,413	3,817	2,004	2,436	5,169	8,164
1980	4,143	6,473	1,972	2,970	759	1,092	4,963	8,993
1981	2,998	5,920	2,708	3,917	622	1,025	7,175	12,095
1982	4,674	8,487	1,061	2,537	776	1,268	6,254	12,299
1983	5,825	11,250	2,645	4,970	1,549	2,324	8,873	14,308
1984	4,733	8,521	3,108	4,755	679	1,338	10,461	16,363
1985	4,218	8,384	2,081	4,338	946	1,640	9,098	14,873
1986	6,126	9,976	[2]	[2]	1,691	3,231	—	—
1987	[2]	[2]	[2]	[2]	2,650	4,250	—	—
1988	—	—	—	—	3,779	5,029	—	—
OATS								
1978	1,979	3,643	1,464	2,504	752	1,376	1,435	3,717
1979	1,358	3,259	561	1,829	380	1,014	1,738	3,949
1980	1,199	2,807	731	1,736	235	637	1,293	3,529
1981	1,017	2,590	429	1,381	197	528	1,751	3,571
1982	1,214	2,716	578	1,488	482	846	2,271	5,267
1983	1,918	3,958	1,696	3,099	874	1,575	1,818	4,038
1984	950	2,570	612	1,392	275	515	1,731	4,701
1985	1,130	2,780	706	1,432	412	676	2,890	6,386
1986	2,137	4,437	[2]	[2]	662	1,122	—	—
1987	[2]	[2]	[2]	[2]	524	1,424	—	—
1988	—	—	—	—	447	847	—	—
CORN								
1978	290	860	159	444	129	243	126	172
1979	138	814	103	435	116	249	[3]	[3]
1980	118	748	127	442	160	286	40	90
1981	72	787	178	536	119	262	70	127
1982	[3]	[3]	[3]	[3]	144	382	38	157
1983	215	3,522	121	1,556	245	994	108	358
1984	108	3,048	562	1,364	456	830	174	334
1985	2,686	4,756	488	1,156	130	464	85	219
1986	438	1,890	173	[3]	119	[3]	116	[3]
1987	1,170	[3]	214	[3]	179	[3]	—	—
1988	1,289	[3]	[3]	[3]	166	[3]	—	—

	JANUARY 1 ON FARM TOTAL[1]	MAY 1 ON FARM TOTAL
	1,000 Tons	1,000 Tons
HAY		
1978	1,824	608
1979	2,218	527
1980	1,798	360
1981	2,382	745
1982	2,165	289
1983	1,958	267
1984	2,185	281
1985	2,023	218
1986	1,495	179
1987	2,100[4]	689
1988	2,200	392

[1] Beginning in 1987, estimate dates are December 1, March 1, June 1 and September 1. [2] No longer available.
[3] Not published to avoid disclosure. [4] December previous year.

HAY: Acreage, Yield, Production and Value, 1910-1987

Year	Alfalfa			Other Hay			All Hay	
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production	Season Average Price	All Hay Value of Production
	1,000 Acres	Tons	1,000 Tons	1,000 Acres	Tons	1,000 Tons	Dollars	1,000 Dollars
1910	—	—	—	—	—	—	11.40	17,203
1915	—	—	—	—	—	—	9.50	17,727
1920	217	2.15	467	939	1.52	1,425	16.60	31,407
1925	212	2.60	551	964	1.32	1,268	11.70	21,282
1930	255	2.65	676	871	1.40	1,221	9.20	17,452
1935	254	2.55	648	895	1.15	1,032	8.70	14,616
1940	300	2.55	765	787	1.41	1,111	10.30	19,323
1945	246	2.65	652	912	1.45	1,318	21.60	42,552
1946	234	2.60	608	828	1.49	1,231	24.30	44,688
1947	234	2.65	620	844	1.42	1,197	24.60	44,698
1948	211	2.65	559	850	1.51	1,287	27.00	49,842
1949	248	2.55	632	722	1.24	898	26.00	39,780
1950	263	2.75	723	757	1.32	998	25.00	43,025
1951	274	2.75	754	717	1.21	867	28.40	46,036
1952	279	2.90	809	727	1.45	1,057	27.90	52,061
1953	310	2.85	884	718	1.52	1,088	20.20	39,834
1954	294	2.80	823	709	1.39	989	21.40	38,777
1955	309	2.70	834	725	1.31	947	26.60	47,375
1956	318	3.00	954	724	1.45	1,050	23.20	46,493
1957	331	2.85	943	683	1.50	1,024	16.00	31,472
1958	314	2.90	911	639	1.42	908	18.10	32,924
1959	320	2.80	896	618	1.44	891	25.50	45,568
1960	336	2.85	958	693	1.46	1,011	23.10	45,484
1961	346	2.90	1,003	645	1.49	959	21.90	42,968
1962	360	2.85	1,026	661	1.43	946	23.10	45,553
1963	378	2.90	1,096	666	1.51	1,003	23.90	50,166
1964	389	2.85	1,109	726	1.47	1,066	25.70	55,898
1965	397	3.00	1,191	653	1.52	995	25.80	56,399
1966	393	2.95	1,159	673	1.46	985	27.00	57,888
1967	401	2.90	1,163	678	1.64	1,113	24.00	54,624
1968	390	2.85	1,112	576	1.61	927	25.50	51,995
1969	410	3.20	1,312	605	1.62	983	26.00	59,670
1970	415	3.10	1,287	602	1.61	969	26.00	58,656
1971	432	2.95	1,274	618	1.65	1,020	31.00	71,114
1972	428	3.00	1,284	622	1.60	995	33.50	76,347
1973	415	3.20	1,328	622	1.55	964	52.50	120,330
1974	410	3.30	1,353	630	1.70	1,071	57.50	139,380
1975	420	3.50	1,470	620	1.70	1,054	59.50	150,178
1976	410	3.60	1,476	640	1.60	1,024	63.50	158,750
1977	425	3.70	1,573	600	1.60	960	56.50	143,115
1978	435	3.80	1,653	640	1.75	1,120	49.00	135,877
1979	415	3.70	1,536	645	1.60	1,032	64.00	164,352
1980	425	4.20	1,785	645	1.85	1,193	79.50	236,751
1981	425	4.10	1,743	635	1.80	1,143	60.00	173,160
1982	420	4.20	1,764	650	1.85	1,203	75.00	222,525
1983	440	4.20	1,848	670	1.90	1,273	75.00	234,075
1984	445	4.10	1,825	660	1.95	1,287	73.00	227,176
1985	450	4.05	1,823	630	1.85	1,166	76.50	228,659
1986	460	4.20	1,932	650	1.85	1,202	65.00	203,710
1987	430	4.20	1,806	690	1.75	1,208	67.00	201,938

PEPPERMINT: Acreage, Yield and Production, by Area, 1986-1987

District	1986			1987		
	Acreage Harvested	Yield Per Acre	Production	Acreage Harvested	Yield Per Acre	Production
	Acres	Pounds	Pounds	Acres	Pounds	Pounds
Northwest	16,880	72.4	1,228,580	17,140	72.3	1,239,310
Northeast	700	74.4	52,090	890	75.0	66,750
Southwest	—	—	—	—	—	—
Southeast	17,300	61.1	1,057,000	17,350	65.5	1,136,170
Other	120	61.1	7,330	120	64.8	7,770
State Total	35,000	67.0	2,345,000	35,500	69.0	2,450,000

FERTILIZER: Commercial Usage, 1982-1987

Year [1]	Kind of Fertilizer				Primary Nutrients			
	Mixtures	Direct Appl. Materials		Total	Total Nitrogen	Available Phosphoric Acid	Potash	Total NPK [2]
		Primary Nutrient	Secondary & Micro-Nutr.					
	Tons							
1982	124,771	452,351	14,772	591,894	148,467	50,577	24,138	223,182
1983	130,424	419,225	12,097	561,746	165,964	76,394	28,617	270,975
1984	93,885	409,661	12,130	515,676	144,335	80,178	30,245	254,758
1985	154,763	383,289	18,623	556,675	138,174	40,392	24,632	203,198
1986	154,812	374,819	11,707	541,338	137,466	38,998	23,747	200,212
1987	126,135	366,410	9,588	502,133	125,931	34,436	28,005	188,372

[1] Year ends June 30.
[2] The sums of the individual items may not equal totals due to rounding.

Source: Tennessee Valley Authority, 1987.

FERTILIZER: Direct Application Materials Consumption, 1983-1987

Material	1983	1984	1985	1986	1987
	Tons				
NITROGEN MATERIALS					
Anhydrous Ammonia	21,281	30,590	21,481	22,086	17,252
Aqua Ammonia	31,022	27,032	30,312	24,060	22,626
Ammonium Nitrate	19,131	19,174	19,455	22,561	20,576
Ammonium Sulfate	72,846	66,688	68,987	67,031	66,551
Nitrogen Solutions	80,473	75,014	106,479	99,790	93,010
Urea	70,367	63,043	75,368	79,058	77,266
Other	35,758	31,902	45,822	33,665	30,673
PHOSPHATE MATERIALS					
Superphosphates (22% and under)	1	—	—	—	—
Superphosphates (over 22%)	10,444	13,991	7,373	5,634	2,819
Other	4,085	3,897	168	2,093	4,336
POTASH MATERIALS					
Chloride (50-62% grades)	23,722	26,651	30,094	30,070	37,972
Other	5,371	6,307	3,694	5,478	6,633

Source: Tennessee Valley Authority, 1987.

ALL POTATOES: Acreage, Yield, Production and Value, 1870-1987

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	1,000 Acres		Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
1870	—	5.0	62	312	1.42	442
1875	—	8.0	85	682	1.45	988
1880	—	9.0	74	664	.98	653
1885	—	15.0	64	963	.60	578
1890	—	18.0	59	1,069	1.08	1,158
1895	—	28.0	59	1,663	.65	1,081
1900	—	31.0	63	1,953	.75	1,465
1905	—	40.0	64	2,544	1.00	2,544
1910	—	42.0	53	2,218	1.32	2,920
1915	—	54.0	58	3,143	1.13	3,562
1920	—	38.0	78	2,964	1.45	4,298
1925	—	32.0	68	2,170	2.78	6,039
1930	34.0	34.0	93	3,162	.95	3,004
1935	47.0	41.0	81	3,321	.92	3,044
1940	35.0	35.0	144	5,040	.60	3,024
1945	52.0	52.0	144	7,488	2.00	14,976
1950	36.5	36.5	217	7,920	1.48	11,740
1951	30.5	30.5	213	6,485	2.85	18,434
1952	30.5	30.5	232	7,090	3.22	22,807
1953	38.5	38.5	208	7,998	1.24	9,951
1954	38.0	38.0	219	8,305	2.20	18,371
1955	37.0	36.0	215	7,755	1.70	13,132
1956	37.5	37.5	234	8,790	1.78	15,556
1957	37.5	37.5	250	9,375	1.75	16,354
1958	39.5	39.5	254	10,020	1.18	11,855
1959	35.9	35.5	245	8,680	2.14	18,361
1960	34.5	34.5	227	7,838	2.47	19,407
1961	40.0	40.0	247	9,865	1.27	12,498
1962	37.0	37.0	240	8,871	1.49	13,177
1963	34.0	34.0	267	9,090	1.80	16,393
1964	35.0	35.0	241	8,425	3.23	27,088
1965	38.5	38.5	238	9,180	2.01	18,439
1966	41.5	41.5	250	10,385	2.06	21,282
1967	50.0	49.0	270	13,252	1.75	23,155
1968	44.5	44.5	264	11,768	1.93	22,717
1969	48.2	46.7	285	13,308	2.01	26,746
1970	54.5	53.6	284	15,229	1.78	27,139
1971	48.3	47.5	289	13,723	1.73	23,744
1972	40.8	40.7	355	14,436	2.75	39,674
1973	44.0	41.9	380	15,929	3.88	61,535
1974	50.7	50.0	350	17,482	3.88	67,883
1975	56.4	55.5	440	24,408	3.20	77,869
1976	65.9	65.6	441	28,913	2.71	78,269
1977	60.3	60.0	426	25,550	2.89	73,705
1978	69.5	67.6	421	28,488	2.76	78,607
1979	65.5	63.0	402	25,310	2.83	71,590
1980	48.0	47.0	420	19,745	4.60	90,761
1981	55.0	54.0	402	21,710	4.50	97,228
1982	53.5	52.5	402	21,105	3.90	82,310
1983	49.2	48.5	427	20,710	4.65	96,172
1984	58.0	56.5	416	23,525	4.75	112,105
1985	62.0	61.0	441	26,888	3.55	95,618
1986	53.0	52.0	446	23,172	4.20	96,965
1987	56.0	55.0	471	25,924	3.45	89,953

POTATOES: Acreage, Yield and Production, by Counties, 1986-1987

District and County	1986 Acreage Harvested	1986 Yield Per Acre	1986 Production	1987 Acreage Harvested	1987 Yield Per Acre	1987 Production
	Acres	Cwt.	Cwt.	Acres	Cwt.	Cwt.
NORTHWEST:						
Clackamas	240	342	82,000	300	353	106,000
Marion	350	314	110,000	300	353	106,000
Multnomah	300	313	94,000	300	353	106,000
Washington	500	412	206,000	500	404	202,000
TOTAL	1,390	354	492,000	1,400	371	520,000
NORTHCENTRAL:						
Morrow	15,000	519	7,786,000	17,600	526	9,249,000
TOTAL	15,000	519	7,786,000	17,600	526	9,249,000
NORTHEAST:						
Baker	300	293	88,000	260	354	92,000
Umatilla	12,500	490	6,121,000	12,800	505	6,468,000
Wallowa	500	332	166,000	400	323	129,000
TOTAL	13,300	479	6,375,000	13,460	497	6,689,000
SOUTHEAST:						
Crook	1,400	411	576,000	1,200	404	485,000
Deschutes	600	392	235,000	400	405	162,000
Jefferson	2,250	412	926,000	2,300	480	1,105,000
Klamath	10,500	392	4,114,000	10,900	414	4,516,000
Malheur	6,800	350	2,380,000	6,800	410	2,788,000
TOTAL	21,550	382	8,231,000	21,600	419	9,056,000
OTHER COUNTIES:	760	379	288,000	940	436	410,000
STATE TOTAL	52,000	446	23,172,000	55,000	471	25,924,000

POTATOES: Production, Farm Disposition, Season Average Price and Value, 1984-1987

Crop Year	Production	Farm Disposition				Price Per Cwt.	Value of	
		Used on Farm			Sold		Production	Sales
		Total	Seed, Feed & Household Use	Shrink and Loss				
	1,000 Cwt.					Dollars	1,000 Dollars	
1984	23,525	2,385	65	2,320	21,140	4.75	112,105	100,583
1985	26,888	3,608	356	3,252	23,280	3.55	95,618	82,826
1986	23,172	2,693	268	2,425	20,479	4.20	96,965	85,682
1987	25,924	2,980	260	2,720	22,944	3.45	89,953	79,685

POTATOES: Utilization Per Capita, United States, 1980-1987

Item	1980	1981	1982	1983	1984	1985	1986	1987[1]
	Million Cwt.							
Production	302.9	338.6	335.1	333.9	362.6	407.1	361.5	385.5
	Pounds							
Consumption, Per Capita[2]	114.9	113.1	115.9	117.5	120.1	121.3	124.1	123.4
Fresh	51.0	45.7	46.6	49.9	48.8	46.6	49.6	47.0
Processed[3] [4]	63.9	67.4	69.3	67.6	71.3	74.7	74.5	76.4
Canned[5]	1.9	1.8	1.9	1.9	1.8	1.9	1.8	1.8
Frozen	35.9	38.2	40.1	38.1	41.4	44.0	44.0	46.5
Shoestrings & Chips	16.7	16.8	17.2	17.9	18.1	17.7	18.2	17.7
Dehydrated	9.4	10.6	10.1	9.7	10.0	11.1	10.5	10.4

[1] Preliminary. [2] Furnished by ERS. [3] Fresh-weight basis. [4] Includes flour. [5] Includes potatoes canned in soups, stews, and other combinations.

POTATOES: Stocks, December 1 - May 1, Oregon, 1978-1987 Crop Years

State and Crop Year	December 1	Following Year				
		January 1	February 1	March 1	April 1	May 1
Oregon	1,000 Cwt.					
1978	17,700	15,400	12,500	9,900	7,700	5,650
1979	16,900	14,600	12,400	9,800	7,200	4,700
1980	13,300	11,300	9,600	7,500	5,800	3,600
1981	15,200	12,700	10,500	8,300	5,800	4,000
1982	15,100	13,200	11,300	9,400	6,700	4,600
1983	14,000	12,100	9,600	8,300	6,500	4,500
1984	15,400	12,900	11,000	8,700	6,400	4,500
1985	18,500	15,700	13,300	10,500	8,000	5,800
1986	17,000	14,900	12,700	10,100	7,800	5,800
1987	17,900	16,100	14,200	11,800	9,500	7,500

POTATOES: Used for Processing[1], Eight States, 1986 and 1987 Crops

Area and Storage Season	To December 1	Following Year					Entire Season
		To January 1	To February 1	To March 1	To April 1	To May 1	
Washington and Other Oregon Counties[2]	1,000 Cwt.						
1986-87	21,530	25,510	28,530	33,595	39,610	44,865	56,910
1987-88	22,265	25,950	30,790	35,800	40,900	44,925	58,085
Idaho & Malheur County, Oregon[3]							
1986-87	13,200	17,980	21,910	27,070	33,360	38,970	55,470
1987-88	18,260	23,320	28,680	34,340	40,380	46,440	64,495
Other States[4]							
1986-87	8,340	11,240	13,675	16,185	19,190	21,945	27,970
1987-88	7,520	9,810	12,345	14,995	17,715	20,135	26,900
EIGHT-STATE TOTAL							
1986-87	43,070	54,730	64,115	76,850	92,160	105,780	140,350
1987-88	48,045	59,080	71,815	85,135	98,995	111,500	149,480

[1] Total quantity received and used for processing, regardless of the state in which the potatoes were produced.
[2] Includes processing totals of Washington plus Oregon but excluding Malheur County.
[3] Includes processing totals of Idaho plus Malheur County, Oregon.
[4] Maine, Michigan, Minnesota, North Dakota and Wisconsin.

POTATOES: Acreage, Yield and Production, and Value, United States, 1986-1987

Seasonal Groups and State	1986					1987				
	Harvested Acres	Yield Per Acre	Production	Price Per Cwt.	Value of Production	Harvested Acres	Yield Per Acre	Production	Price Per Cwt.	Value of Production
	1,000 Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars	1,000 Acres	Cwt.	1,000 Cwt.	Dollars	1,000 Dollars
Winter	12.3	243	2,991	11.80	34,837	11.7	214	2,501	18.60	46,153
Spring	75.9	261	19,822	7.05	139,691	80.7	220	17,724	11.60	205,386
Summer	95.2	220	20,927	7.00	146,140	100.4	227	22,766	6.33	143,415
Fall										
Idaho	307.0	294	90,220	4.30	387,946	337.0	296	99,710	3.50	348,985
Oregon:										
Malheur County	6.8	350	2,380	4.05	9,639	6.8	410	2,788	4.05	11,291
Other Counties	45.2	460	20,792	4.20	87,326	48.2	480	23,136	3.40	78,662
Washington	118.0	525	61,950	4.30	266,385	124.0	540	66,960	3.65	244,404
Total Fall States	1,036.2	307	317,771	4.68	1,487,805	1,086.5	315	342,471	3.69	1,261,843
Total United States	1,219.6	296	361,511	5.03	1,808,483	1,279.3	301	385,462	4.35	1,656,797

Tree Fruit and Nuts

Oregon's 1987 utilized production of tree fruit and nut crops increased 46 percent from 1986 and was 21 percent greater than 1985 production. The total value of these eight crops was 12 percent more than a year earlier but exceeded the 1985 total by just one-tenth percent.

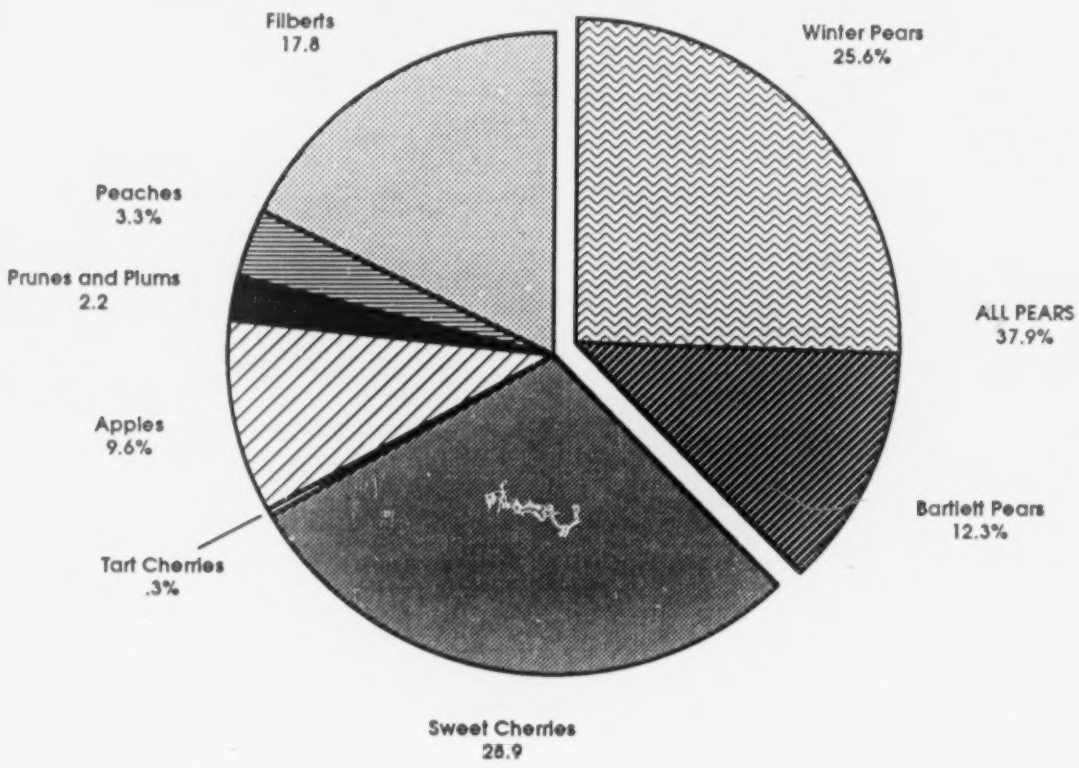
Oregon ranked third among the states in all pear production for 1987, accounting for 25 percent of the nation's utilized production. In production of winter pears the state ranked second, producing 46 percent of the U.S. crop. Oregon filbert production amounted to 99 percent of national production. The state's sweet cherry production was second only to Washington, accounting for 24 percent of U.S. utilized production. Oregon ranked fourth nationally in tart cherry production, producing 2.2 percent of the U.S. total. The state ranked as the eighth largest apple producer with 2.0 percent of national production.

For the first time since 1970, the 1987 sweet cherry crop had the largest value of production of any of the eight fruit and nut crops estimated. Sweet cherry production was 32 percent greater than 1986 and 85 percent greater than 1985, while value of production was 33 percent and 100 percent greater than 1986 and 1985 respectively. Winter pears were the second most valuable fruit crop in Oregon, with production up 34 percent from a year earlier and 27 percent from two years earlier. Value of production, however, was down 20 percent from 1986 and 17 percent from 1985.

Filberts ranked as the third fruit or nut crop in value of production, increasing 90 percent from 1986 and 25 percent from 1985. Production was 44 percent above a year earlier but 12 percent less than two years ago. Apples dropped to fourth in the ranking by value in 1987, because a record national crop severely depressed prices. Oregon production was a record also, outpacing 1986 by 100 percent and 1985 by 31 percent. Total value was one-half percent more than a year earlier and 45 percent more than two years earlier.

Peach production was up 8 percent and total value was also up 8 percent from 1986. Production of prunes and plums decreased 11 percent and value declined 16 percent. The tart cherry crop increased three percent while value was down by 65 percent.

VALUE OF PRODUCTION: PERCENT OF TOTAL, BY FRUIT AND NUT CROPS, OREGON, 1987



TREE FRUIT AND NUT CROPS: Utilized Production, Average Price, and Value, 1984-87

Crop by Years	Utilized Production[1]	Average Price[1]	Value of Utilized Production[1]	Fresh Market		Processing	
	Tons	Dollars Per Ton	Thousand Dollars	Tons	Dollars Per Ton	Tons	Dollars Per Ton
Apples							
1984	65,000	202.00	13,114	46,000	238.00	19,000	113.00
1985	80,000	252.00	20,200	60,000	300.00	20,000	110.00
1986	52,500	212.00	11,081	38,500	250.00	14,000	104.00
1987	105,000	108.00	11,145	62,500	154.00	40,000	37.30
Sweet Cherries							
1984	29,500	491.00	14,489	10,000	548.00	19,500	462.00
1985	27,000	621.00	16,761	4,000	861.00	23,000	579.00
1986	38,000	663.00	25,187	8,500	860.00	29,500	606.00
1987	50,000	670.00	33,493	9,000	1,020.00	41,000	593.00
Tart Cherries							
1984	800	508.00	406	150	560.00	650	496.00
1985	3,250	480.00	1,560	300	480.00	2,950	480.00
1986	3,000	320.00	960	200	320.00	2,800	320.00
1987	3,100	110.00	340	300	180.00	2,800	102.00
Bartlett Pears							
1984	44,000	217.00	9,569	12,700	300.00	31,300	184.00
1985	75,000	230.00	17,282	17,000	324.00	58,000	203.00
1986	50,000	243.00	12,161	19,000	348.00	31,000	179.00
1987	78,000	183.00	14,255	23,000	175.00	55,000	186.00
Other Pears							
1984	106,000	288.00	30,542	—	—	—	—
1985	118,000	302.00	35,588	—	—	—	—
1986	112,000	331.00	37,036	—	—	—	—
1987	150,000	197.00	29,613	—	—	—	—
Peaches							
1984	6,500	570.00	3,710	—	—	—	—
1985	7,250	580.00	4,199	—	—	—	—
1986	6,500	546.00	3,554	—	—	—	—
1987	7,000	550.00	3,847	—	—	—	—
Prunes & Plums							
1984	14,000	169.00	2,368	—	—	—	—
1985	22,400	163.00	3,641	—	—	—	—
1986	19,000	161.00	3,064	—	—	—	—
1987	17,000	151.00	2,571	—	—	—	—
Filberts							
1984	13,200	617.00	8,144	—	—	—	—
1985	24,300	677.00	16,451	—	—	—	—
1986	14,900	724.00	10,788	—	—	—	—
1987	21,500	956.00	20,544	—	—	—	—
State Total							
1984	279,000	—	82,342	—	—	—	—
1985	357,200	—	115,682	—	—	—	—
1986	295,900	—	103,831	—	—	—	—
1987	431,600	—	115,808	—	—	—	—

[1] Both Fresh Market and Processing.

FRUIT CROPS: Utilized Production, by Area, 1984-1987

Area and Year	Apples	Sweet Cherries	Tart Cherries	Bartlett Pears	Other Pears
			Tons		
Willamette Valley					
1984	5,905	8,080	770	1,490	—
1985	6,685	7,300	3,200	2,500	—
1986	3,702	9,180	2,990	1,490	—
1987	8,211	13,740	3,090	1,720	—
Southwest					
1984	2,810	270	—	22,140	49,990
1985	2,840	350	—	29,410	47,980
1986	2,218	620	—	22,650	48,610
1987	3,476	450	—	24,230	67,100
Mid-Columbia					
1984	40,090	18,350	—	20,370	55,980
1985	45,535	16,170	—	43,090	70,000
1986	35,704	26,580	—	25,860	63,380
1987	53,410	33,280	—	52,050	82,880
Milton-Freewater					
1984	14,320	900	—	—	—
1985	23,025	900	—	—	—
1986	9,664	1,160	—	—	—
1987	33,602	750	—	—	—
Other					
1984	1,875	1,900	30	—	30
1985	1,915	2,280	50	—	20
1986	1,212	440	10	—	10
1987	3,801	1,780	10	—	20
State Total					
1984	65,000	29,500	800	44,000	106,000
1985	80,000	27,000	3,250	75,000	118,000
1986	52,500	38,000	3,000	50,000	112,000
1987	102,500	50,000	3,100	7,800	150,000

Source: Preliminary county estimates from Extension Economic Information Office, Oregon State University, adjusted to Oregon Agricultural Statistics Service state estimates.

PROCESSED UTILIZATION: Apples, Sweet Cherries, 1984-1987

Crop and Year	Processed (Basis Fresh Equivalent)				
	Canned	Juice & Cider	Brined	Other	Total
			Million Lbs.		
Apples					
1984	—	17.4	—	20.6	38.0
1985	—	16.0	—	24.0	40.0
1986	—	9.5	—	18.5	28.0
1987	—	62.0	—	18.0	80.0
			Tons		
Sweet Cherries					
1984	2,300	—	14,800	2,400	19,500
1985	3,700	—	17,800	1,500	23,000
1986	2,900	—	24,300	2,300	29,500
1987	4,100	—	33,000	3,900	41,000

APPLES AND SWEET CHERRIES: Utilized Production, Price and Value, 1890-1987

Year	Apples			Sweet Cherries		
	Production	Price	Value	Production	Price	Value
	Million Pounds	Cents Per Pound	1,000 Dollars	Tons	Dollars Per Ton	1,000 Dollars
1890	64.5	—	—	—	—	—
1895	81.9	—	—	—	—	—
1900	110.4	—	—	—	—	—
1905	86.4	—	—	—	—	—
1910	182.4	2.04	3,724	—	—	—
1915	156.7	1.73	2,709	—	—	—
1920	211.2	2.33	4,928	—	—	—
1925	244.8	2.63	6,426	—	—	—
1930	288.0	1.96	5,640	—	—	—
1935	164.3	1.48	2,430	13,200	—	—
1940	151.0	1.52	2,297	20,300	98	1,989
1945	127.0	6.12	7,776	19,700	259	5,102
1946	142.6	5.21	7,425	30,000	263	7,890
1947	136.5	3.27	4,465	10,800	211	2,279
1948	123.3	4.37	5,393	18,500	258	4,773
1949	128.2	1.96	2,510	31,200	129	4,025
1950	133.4	1.69	2,252	17,400	252	4,385
1951	102.7	2.77	2,846	16,700	274	4,576
1952	110.4	3.81	4,207	17,100	183	3,129
1953	81.1	4.97	4,030	25,500	266	6,783
1954	119.5	3.42	4,084	25,400	279	7,087
1955	103.2	3.06	3,160	31,000	191	5,921
1956	80.2	4.35	3,490	15,200	292	4,438
1957	139.2	2.02	2,813	18,200	313	5,697
1958	97.4	2.33	2,274	25,500	311	7,930
1959	97.4	3.52	3,428	24,900	343	8,541
1960	86.4	3.69	3,188	12,800	377	4,826
1961	81.6	4.34	3,541	26,700	332	8,864
1962	105.6	3.56	3,759	34,000	257	8,738
1963	129.6	2.54	3,292	17,500	328	5,740
1964	92.2	2.77	2,554	25,000	285	7,125
1965	111.8	3.33	3,723	20,100	366	7,357
1966	120.0	3.43	4,116	31,800	381	12,116
1967	124.0	5.54	6,870	39,000	397	15,483
1968	87.0	5.82	5,063	15,700	476	7,473
1969	167.0	2.91	4,860	35,000	320	11,200
1970	115.0	4.43	5,095	40,000	330	13,200
1971	125.0	5.08	6,350	32,700	273	8,764
1972	105.0	5.78	6,069	20,000	434	8,400
1973	167.0	6.50	10,855	37,000	310	12,543
1974	165.0	6.20	10,230	33,500	373	12,496
1975	150.0	4.80	7,200	36,500	347	12,666
1976	170.0	7.20	12,240	39,000	350	13,650
1977	147.0	9.20	13,524	37,500	428	16,050
1978	142.0	11.10	15,762	35,000	630	22,050
1979	170.0	11.00	18,700	38,000	544	20,672
1980	195.0	7.60	14,802	31,800	500	15,900
1981	155.0	11.40	17,682	37,000	544	20,122
1982	150.0	10.00	15,045	35,000	617	21,586
1983	155.0	10.00	15,570	42,000	486	20,396
1984	130.0	10.10	13,114	29,500	491	14,489
1985	160.0	12.60	20,200	27,000	621	16,761
1986	105.0	10.60	11,081	38,000	663	25,187
1987	210.0	5.40	11,145	50,000	670	33,493

BARTLETT PEARS AND OTHER PEARS: Utilized Production, Price and Value, 1925-1987

Year	Bartlett Pears			Other Pears		
	Production	Price	Value	Production	Price	Value
	Tons	Dollars Per Ton	1,000 Dollars	Tons	Dollars Per Ton	1,000 Dollars
1925	17,025	77.20	1,314	24,350	118.00	2,873
1930	33,775	34.00	1,148	54,475	54.80	2,985
1935	35,550	30.80	1,095	49,275	51.60	2,543
1936	39,700	34.00	1,350	50,525	63.20	3,193
1937	32,200	38.80	1,249	56,500	46.80	2,644
1938	31,600	19.70	796	60,725	42.80	2,599
1939	41,125	35.50	1,530	59,375	44.00	2,612
1940	43,900	38.40	1,686	60,325	55.20	3,330
1945	55,250	109.60	6,055	78,050	139.60	10,896
1946	54,750	124.10	6,795	93,625	151.20	14,156
1947	49,375	110.80	5,471	93,725	95.20	8,923
1948	45,900	106.40	4,884	73,100	108.80	7,953
1949	59,250	62.00	2,157	75,750	106.40	4,151
1950	46,250	95.60	4,422	88,750	61.20	5,432
1951	52,000	90.00	4,680	62,625	80.00	5,010
1952	53,750	56.00	3,010	74,750	92.80	6,937
1953	56,500	66.00	3,729	82,500	59.20	4,884
1954	36,025	84.40	3,041	60,250	78.40	4,724
1955	65,100	73.20	4,765	76,375	75.20	5,743
1956	61,725	87.60	5,407	89,125	84.80	7,558
1957	59,900	65.60	3,929	87,250	76.80	6,701
1958	54,200	68.00	3,686	71,750	69.20	4,965
1959	52,000	66.20	3,444	75,800	92.80	7,034
1960	44,800	89.20	3,996	60,900	100.00	6,090
1961	52,000	82.80	4,306	65,800	94.00	6,185
1962	71,800	53.60	3,848	80,000	80.40	6,432
1963	33,500	112.00	3,752	47,800	89.60	4,283
1964	56,200	76.80	4,316	61,500	82.40	5,065
1965	67,000	146.00	9,782	86,600	99.20	8,591
1966	71,000	65.50	4,651	92,500	91.70	8,482
1967	71,000	175.00	12,425	80,000	128.00	10,240
1968	44,000	128.00	5,632	49,000	162.00	7,938
1969	82,000	88.00	7,216	109,000	98.00	10,682
1970	39,000	116.00	4,524	51,000	127.00	6,477
1971	83,000	80.00	6,640	96,000	103.00	9,888
1972	51,000	122.00	6,222	59,000	174.00	10,266
1973	73,000	117.00	8,541	98,000	156.00	15,288
1974	72,000	172.00	12,384	103,000	142.00	14,626
1975	79,000	116.00	9,164	91,000	168.00	15,288
1976	75,000	101.00	7,575	125,000	129.00	16,125
1977	79,000	102.00	8,058	100,000	166.00	16,600
1978	55,500	195.00	10,823	96,000	237.00	22,752
1979	85,000	172.00	14,620	120,000	224.00	26,880
1980	80,000	170.00	13,604	120,000	202.00	24,288
1981	85,000	115.00	9,805	117,000	224.00	26,228
1982	70,000	130.00	9,104	105,000	268.00	28,142
1983	63,000	149.00	9,400	125,000	188.00	23,473
1984	44,000	217.00	9,569	106,000	288.00	30,542
1985	75,000	230.00	17,282	118,000	302.00	35,588
1986	50,000	243.00	12,161	112,000	331.00	37,036
1987	78,000	183.00	14,255	150,000	197.00	29,613

FILBERTS AND PRUNES & PLUMS: Utilized Production, Price and Value, 1925-1987

Year	Filberts			Prunes & Plums		
	Production	Price	Value	Production	Price	Value
	Tons	Dollars Per Ton	1,000 Dollars	Tons	Dollars Per Ton	1,000 Dollars
1925	—	—	—	49,300	47.32	2,333
1930	300	340.00	102	87,300	26.70	2,334
1935	1,100	260.00	286	133,700	17.50	2,335
1936	1,850	270.00	500	133,000	20.00	2,663
1937	2,230	215.00	479	56,900	27.50	1,565
1938	2,060	220.00	453	70,500	17.10	1,203
1939	3,300	220.00	726	137,400	15.30	2,096
1940	2,700	240.00	648	36,600	32.20	1,179
1941	4,900	300.00	1,470	66,100	30.20	1,998
1942	3,500	346.00	1,211	57,500	49.80	2,863
1943	6,100	500.00	3,050	99,200	68.90	6,833
1944	5,500	540.00	2,970	57,100	78.10	4,458
1945	4,500	550.00	2,475	80,400	77.10	6,202
1946	7,300	380.00	2,774	96,900	77.00	7,458
1947	7,700	250.00	1,925	30,900	78.50	2,424
1948	5,100	260.00	1,326	37,900	68.20	2,586
1949	9,600	220.00	2,112	77,900	41.60	3,240
1950	5,350	350.00	1,872	22,300	105.00	2,342
1951	5,850	350.00	2,048	57,200	67.80	3,878
1952	10,780	296.00	3,191	43,500	81.90	3,563
1953	4,200	344.00	1,445	44,200	69.70	3,081
1954	7,850	320.00	2,512	42,500	61.10	2,597
1955	7,400	420.00	3,108	51,900	67.20	3,488
1956	2,900	510.00	1,479	59,000	49.40	2,915
1957	11,700	300.00	3,510	29,000	56.70	1,644
1958	7,100	380.00	2,698	19,700	97.20	1,915
1959	9,500	376.00	3,572	44,000	66.60	2,930
1960	8,400	420.00	3,528	4,000	163.00	652
1961	11,100	380.00	4,218	27,400	99.60	2,729
1962	7,300	440.00	3,212	46,000	64.00	2,944
1963	6,600	470.00	3,102	6,300	139.00	876
1964	7,800	440.00	3,432	23,000	61.80	1,421
1965	7,300	450.00	3,285	28,000	70.90	1,985
1966	11,700	390.00	4,563	25,000	65.60	1,640
1967	7,000	492.00	3,444	30,500	79.10	2,413
1968	7,000	518.00	3,626	11,000	109.00	1,199
1969	7,100	550.00	3,905	32,000	66.30	2,122
1970	8,750	570.00	4,988	20,300	97.20	1,973
1971	11,000	414.00	4,554	16,700	67.40	1,126
1972	9,600	508.00	4,877	8,400	182.00	1,529
1973	11,700	570.00	6,669	25,800	128.00	3,302
1974	6,400	560.00	3,584	28,000	134.00	3,752
1975	11,800	610.00	7,198	27,500	103.00	2,833
1976	6,950	640.00	4,448	29,000	107.00	3,103
1977	11,400	687.00	7,832	25,000	128.00	3,200
1978	13,700	805.00	11,029	17,000	170.00	2,890
1979	12,200	951.00	12,078	23,000	184.00	4,232
1980	15,100	1,151.00	17,386	33,000	150.00	4,950
1981	14,400	786.00	11,319	25,000	157.00	3,925
1982	18,400	680.00	12,512	19,000	185.00	3,515
1983	8,000	554.00	4,432	16,000	169.00	2,700
1984	13,200	617.00	8,144	14,000	169.00	2,368
1985	24,300	677.00	16,451	22,400	163.00	3,641
1986	14,900	724.00	10,788	19,000	161.00	3,064
1987	21,500	956.00	20,554	17,000	151.00	2,571

Oregon Fruit Tree Inventory

The special Fruit Tree Survey conducted by the Oregon Agricultural Statistics Service during early 1986 showed nearly 6 million fruit trees currently growing in Oregon. They are being grown on just short of 50,000 acres. Winter pears led the tree count numbers with 1.7 million, followed closely by apples with 1.65 million trees. The sweet cherries tree count totaled 831,000, placing them third; while Bartlett pears were fourth with 808,000 trees.

On an acreage basis, sweet cherries led with 12,800 acres, followed by winter pears, 12,300 acres; apples, 10,000 acres; and Bartlett pears, 6,300 acres. Rounding out the major fruits were prunes and plums, tart cherries and peaches, in that order.

Additional data on tree age and variety by county or major producing area are available in a separate Fruit Tree Inventory bulletin published in October 1986.

NUMBER OF ACRES AND TREES BY FRUIT AND AREA - January 1, 1986

Area	Apples	Sweet Cherries	Tart Cherries	Bartlett Pears	Other Pears	Prunes & Plums	Peaches	All Fruit [1]
HOOD RIVER								
Acres	3,990	685	—	3,550	6,000	—	50	14,275
Trees	585,900	63,860	—	456,230	735,630	—	6,450	1,848,070
WASCO								
Acres	545	6,025	—	15	40	5	60	6,690
Trees	79,650	358,800	—	3,140	5,470	710	8,100	455,870
UMATILLA								
Acres	2,950	450	—	10	—	805	60	4,275
Trees	441,030	45,140	—	840	—	96,390	6,470	589,870
UNION								
Acres	10	820	—	5	—	5	10	850
Trees	1,500	49,300	—	400	—	600	790	52,590
JACKSON [2]								
Acres	300	35	—	2,360	6,140	30	280	9,145
Trees	80,010	2,540	—	306,650	944,000	4,690	31,900	1,369,790
DOUGLAS								
Acres	115	190	5	105	15	525	90	1,045
Trees	13,160	14,460	70	10,070	4,500	40,750	12,980	95,990
NORTH WILLAMETTE VALLEY [3]								
Acres	200	325	275	70	15	750	275	1,910
Trees	39,570	20,120	27,050	4,880	1,520	72,050	32,020	197,210
MID-WILLAMETTE VALLEY [4]								
Acres	600	3,900	1,600	150	30	1,950	425	8,655
Trees	95,450	255,210	167,710	19,120	6,450	195,000	50,600	789,540
SOUTH WILLAMETTE VALLEY [5]								
Acres	175	320	350	60	25	100	250	1,280
Trees	26,550	17,500	34,500	5,880	2,250	8,340	39,700	134,720
OTHER								
Acres	1,160	40	—	10	5	35	90	1,340
Trees	288,600	3,600	—	1,220	1,080	9,100	11,900	315,500
STATE TOTAL								
Acres	10,045	12,790	2,230	6,335	12,270	4,205	1,590	49,465
Trees	1,651,420	830,530	229,330	808,430	1,700,900	427,630	200,910	5,849,150

[1] Does not include apricots and nectarines mentioned in the narrative above.
[2] Includes minor acreage in Josephine County.
[3] Clackamas, Columbia, Multnomah and Washington Counties.
[4] Marion, Polk and Yamhill Counties.
[5] Benton, Lane and Linn Counties.

Oregon Vineyards and Wineries, 1987

Oregon's 263 vineyards produced just under 7,900 tons of vinifera type grapes in 1987 from just over 3,000 harvested acres. Average yield was 2.61 tons per harvested acre. Total acreage in the state came to slightly less than 4,460 acres with a significant quantity of new plantings still non-bearing. An additional 580 acres are expected to be planted in the next two years.

Yamhill County was Oregon's leading wine grape producer, accounting for 31 percent of total production in 1987. Polk County was the second leading producer with 17 percent of Oregon's production, and Washington County was third, accounting for 14 percent of the state's production. Douglas and Morrow Counties rounded out the top five producing counties, each accounting for nine percent of the total. Together these five counties produced 6,258.8 tons of wine grapes in 1987 or 80 percent of Oregon's total production.

Oregon's leading wine grape variety is Pinot Noir with 2,350 tons harvested in 1987 from 900 acres; another 380 acres of recent planting are still non-bearing and were not harvested. The second leading variety is Chardonnay with 2,100 tons harvested from 730 acres and 270 more acres not harvested. White Riesling is the last of Oregon's big three wine grape varieties. In 1987, 650 acres of White Riesling produced 1,830 tons of grapes. There were an additional 210 acres of that variety not harvested. Together these three leading varieties account for 71 percent of total grape acreage in the state and 80 percent of the 1987 production.

With the inclusion of the next five varieties, Gewurztraminer, Cabernet Sauvignon, Muller Thurgau, Sauvignon Blanc and Pinot Gris, the top eight Oregon grape varieties made up 96 percent of the 1987 production in the state.

During the Fall 1987 harvest, Oregon had a total of 65 wineries, with cooperage capacity of 1,912 thousand gallons. Fifty-nine of these wineries crushed 93 percent of the state's grape production. Total crush came to just less than 7,300 tons of which 37 percent was estate grown, 55 percent was purchased from other growers, and 8 percent was custom crushed for other winemakers.

WINE GRAPE ACRES, YIELD AND PRODUCTION BY VARIETY: 1987

Variety	Total Acres	Non-Harvested Acres	Harvested Acres	Yield Per Harvested Acre	Total Production
		Acres			Tons
Cabernet Sauvignon	241.3	92.9	148.4	1.74	257.5
Chardonnay	1,006.9	273.6	733.3	2.87	2,102.4
Chenin Blanc	50.9	15.9	35.0	1.85	64.6
Early Muscat	8.3	0.5	7.8	5.67	44.2
Gamay	24.7	12.3	12.4	3.14	38.9
Gewurztraminer	312.8	110.5	202.3	2.20	444.3
Marechal Foch	5.3	1.8	3.5	1.86	6.5
Merlot	78.5	56.5	22.0	1.60	35.2
Muller Thurgau	178.2	102.9	75.3	3.25	244.5
Muscat Ottonel	10.1	5.0	5.1	2.71	13.8
Pinot Blanc	6.8	4.3	2.5	3.32	8.3
Pinot Gris	118.6	60.2	58.4	2.21	129.2
Pinot Meunier	3.0	—	3.0	1.73	5.2
Pinot Noir	1,277.6	373.2	904.4	2.60	2,352.4
Sauvignon Blanc	147.2	53.7	93.5	1.75	163.8
Semillon	60.2	41.5	18.7	1.88	35.2
Sylvaner	17.7	16.0	1.7	4.71	8.0
White Riesling	855.7	209.3	646.4	2.84	1,833.6
Zinfandel	11.8	—	11.8	2.50	29.5
All Other	41.8	11.8	30.0	1.45	43.5
Total	4,457.4	1,441.9	3,015.5	2.61	7,860.6

WINE GRAPE VINEYARDS: Acreage, Yield and Production by County, 1987

County	Number of Vineyards	Total Acres	Non-Harvested Acres	Harvested Acres	Yield Tons per Acre	Production Tons
Benton	16	121.7	49.7	72.0	2.90	208.5
Clackamas	12	59.4	24.1	35.3	2.66	93.9
Douglas	31	313.2	71.7	241.5	3.00	723.6
Hood River	4	20.5	5.0	15.5	2.19	33.9
Jackson	22	153.6	48.7	104.9	1.91	200.7
Josephine	16	188.4	64.7	123.7	2.77	343.2
Lane	16	170.8	50.9	119.9	2.11	252.6
Linn	4	49.3	7.0	42.3	1.39	58.8
Marion	16	138.9	38.3	100.6	2.79	280.2
Morrow	4	708.6	239.4	469.2	1.47	688.9
Polk	31	752.8	129.8	623.0	2.09	1,300.7
Umatilla	5	75.2	51.2	24.0	2.00	48.0
Wasco	7	56.9	16.4	40.5	1.74	70.4
Washington	22	738.7	458.8	279.9	3.99	1,118.1
Yamhill	54	896.4	186.2	710.2	3.42	2,427.5
Other Counties	3	13.0	—	13.0	.89	11.6
State Total	263	4,457.4	1,441.9	3,015.5	2.61	7,860.6

WINE GRAPE TONNAGE CRUSHED BY OREGON WINERIES, 1987

Variety	Crush of Estate Grown Grapes		Crush of Purchased Grapes		Custom Crushed Grapes		Total Crush of Grapes	
	Tons	Percent of Total	Tons	Percent of Total	Tons	Percent of Total	Tons	Percent of Total
Cabernet Sauvignon	89.5	3.3	99.1	2.5	9.4	1.5	198.0	2.7
Chardonnay	657.7	24.2	1,012.6	25.4	220.7	36.2	1,891.0	25.9
Chenin Blanc	18.3	.7	15.4	.4	14.5	2.4	48.2	.7
Early Muscat	4.5	.2	1.3	—	25.0	4.1	30.8	.4
Gewurztraminer	153.8	5.7	201.2	5.1	48.3	7.9	403.3	5.5
Merlot	5.1	.2	29.9	.8	—	—	35.0	.5
Muller Thurgau	134.5	5.0	70.9	1.8	21.0	3.5	226.4	3.1
Muscat Ottonel	6.1	.2	6.6	.2	—	—	12.7	.2
Pinot Blanc	6.7	.2	—	—	—	—	6.7	.1
Pinot Gris	19.3	.7	49.6	1.2	—	—	68.9	.9
Pinot Noir	768.4	28.3	1,446.8	36.4	138.9	22.8	2,354.1	32.2
Sauvignon Blanc	26.6	1.0	103.1	2.6	—	—	129.7	1.8
Semillon	6.7	.2	20.1	.5	—	—	26.8	.4
White Riesling	769.1	28.4	871.0	21.9	131.8	21.6	1,771.9	24.2
Zinfandel	5.2	.2	15.2	.4	—	—	20.4	.3
All Other	41.9	1.5	38.0	1.0	—	—	79.9	1.1
Total	2,713.4	100.0	3,980.8	100.0	609.6	100.0	7,303.8	100.0
Percent of State	37.2	—	54.5	—	8.3	—	100.0	—

Berries

Utilized production of all berry crops estimated in Oregon was higher in 1987 than a year earlier, with the exception of Loganberries. Marion blackberries showed the largest increase in production, up 85 percent from 1986. Red raspberry production was up 73 percent, Black raspberry production was up 50 percent, strawberry production increased 47 percent. Cranberry production increased by 18 percent.

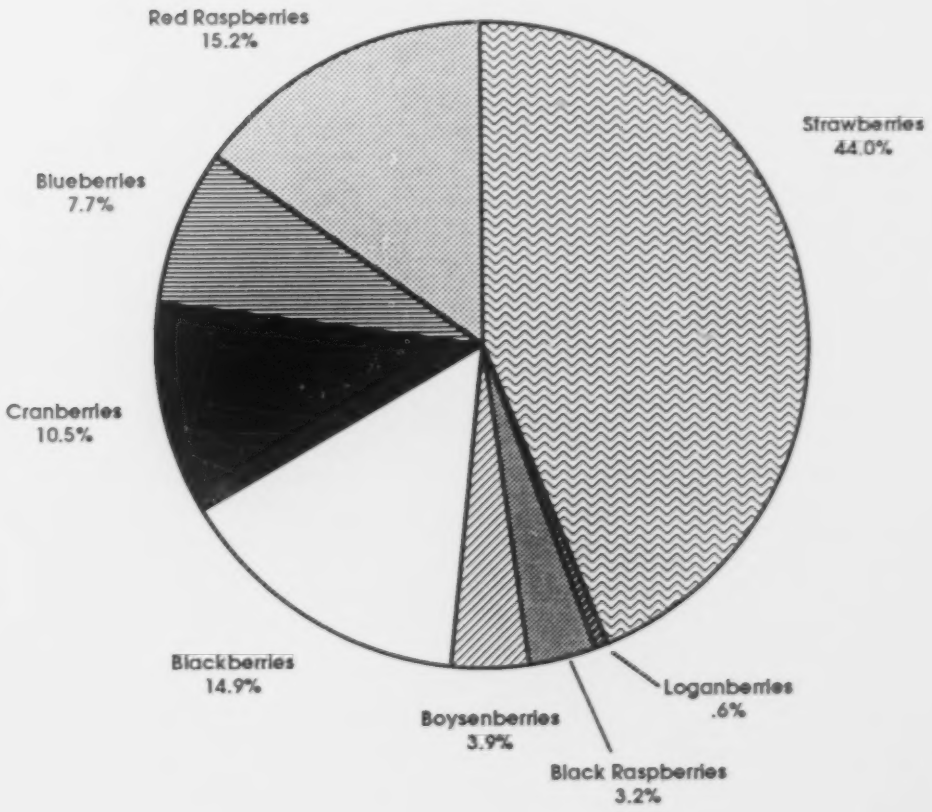
Average prices declined for all berry crops in 1987 to the extent that only strawberries and Red raspberries had higher total crop values than in 1986. The other berry crops had price decreases large enough to offset their production gains, so total values were less than 1986.

Strawberry production was the third largest on record at 93.6 million pounds, but the average price per pound dropped 26 percent so that total value improved only 8 percent.

Production increased because most harvested acres went up, and yields improved for all crops except Loganberries. Loganberries showed a 4 percent acreage increase, but the average yield fell slightly. Marion and Evergreen blackberries showed the largest acreage increases at 45 percent and 23 percent respectively. The crop with the best yield improvement was Red raspberries; the average yield was 54 percent higher than in 1986. Strawberry yields were up 38 percent, Black raspberries yields went up 33 percent, and Marion blackberry yields improved 27 percent. Cranberry yields were up 6 percent to 118.3 barrels per acre.

Value of production for all Oregon berry crops combined totaled $71.6 million, down 1 percent from 1986. Strawberries continue to dominate with a value of $31.5 million, followed by $13.2 million for raspberries and $10.6 million for blackberries.

VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY BERRY CROP, OREGON, 1987



BERRY CROPS: Acreage, Production, Value, and Disposition, 1985-1987

Crop and Year	Harvested	Yield Per Acre	Total Production	Utilized Production		Price			Value of Utilized Production
				Fresh	Processed	Fresh	Processed	All	
	Acres	Pounds	1,000 Pounds	1,000 Pounds			Cents/Lb.		1,000 Dollars
STRAWBERRIES									
1985	6,800	7,400	50,300	4,300	46,000	53.0	29.0	31.1	15,619
1986	7,300	8,700	63,500	5,000	58,500	65.0	44.2	45.8	29,107
1987	7,800	12,000	93,600	5,600	88,000	60.0	32.0	33.7	31,520
RED RASPBERRIES									
1985	2,800	4,460	12,500	500	12,000	80.0	52.5	53.6	6,700
1986	3,100	4,000	12,400	300	12,100	82.0	76.5	76.6	9,503
1987	3,500	6,140	21,500	600	20,900	76.0	50.0	50.7	10,906
BLACK RASPBERRIES									
1985	1,350	1,560	2,100	20	2,080	157.0	136.2	136.2	2,860
1986	1,550	1,870	2,900	—	2,900	—	180.0	180.0	5,200
1987	1,750	2,490	4,350	10	4,340	90.0	52.0	52.1	2,266
CULTIVATED BLACKBERRIES									
1985									
All	3,400	7,060	24,000	200	23,800	60.5	57.8	57.8	13,873
Evergreen	1,400	8,360	11,700	100	11,600	56.0	52.0	52.0	6,088
Marion	1,900	6,370	12,100	100	12,000	65.0	63.0	63.0	7,625
Other	100	2,000	200	—	200	—	80.0	80.0	160
1986									
All	3,600	6,390	23,000	200	22,800	67.0	60.9	60.9	14,018
Evergreen	1,300	7,920	10,300	100	10,200	59.0	49.5	49.6	5,108
Marion	2,200	5,640	12,400	100	12,300	75.0	70.0	70.0	8,685
Other	100	3,000	300	—	300	—	75.0	75.0	225
1987									
All	4,900	7,670	37,600	610	36,990	60.7	27.7	28.3	10,629
Evergreen	1,600	8,810	14,100	200	13,900	49.0	27.0	27.3	3,851
Marion	3,200	7,160	22,900	150	22,750	62.0	28.0	28.2	6,463
Other	100	6,000	600	260	340	69.0	40.0	52.5	315
BOYSENBERRIES									
1985	900	4,000	3,600	100	3,500	82.0	79.0	79.1	2,847
1986	850	4,350	3,700	50	3,650	77.0	80.0	80.0	2,959
1987	1,000	5,300	5,300	50	5,250	67.0	52.0	52.2	2,764
LOGANBERRIES									
1985	330	3,790	1,250	50	1,200	51.0	49.5	49.6	620
1986	230	5,650	1,300	30	1,270	86.0	75.0	75.3	979
1987	240	5,330	1,280	30	1,250	61.0	35.0	35.6	456
BLUEBERRIES									
1985	800	6,500	5,200	2,900	2,300	57.5	52.5	55.3	2,876
1986[1]	900	6,730	6,060	N/A	N/A	N/A	N/A	66.7	4,040
1987[1]	1,200	7,690	9,230	N/A	N/A	N/A	N/A	60.1	5,550
CRANBERRIES									
1985	1,100	90.9	100,000	100	99,900	N/A	N/A	55.5	5,550
1986	1,200	102.0	122,000	—	122,000	N/A	N/A	53.1	6,478
1987	1,200	118.3	142,000	500	141,500	N/A	N/A	[2]	7,540
STATE TOTAL									
1985	17,480	—	198,950	—	—	—	—	—	50,945
1986	17,830	—	228,800	—	—	—	—	—	72,284
1987	20,390	—	305,630	—	—	—	—	—	71,631

[1] 1986 and 1987 Blueberries data as published by Extension Economic Information Office, Oregon State University.
[2] 1987 value published January 1989. 1987 value calculated using 1986 price.

BERRY CROPS: Acreage and Production, by Counties, 1985-1987

Commodity and County	Acreage			Production		
	1985	1986	1987	1985	1986	1987
	Acres			1,000 Pounds		
STRAWBERRIES						
Clackamas	700	750	750	4,819	6,138	9,570
Columbia	500	400	480	3,934	1,637	3,791
Lane	135	145	145	1,141	1,187	1,645
Linn	200	220	240	1,770	1,800	3,018
Marion	2,150	2,350	2,550	17,339	19,234	29,956
Multnomah	300	330	330	2,360	2,701	4,211
Washington	2,000	2,240	2,440	12,589	23,833	32,123
Yamhill	240	260	290	1,794	2,128	3,407
Other Counties	575	605	575	4,554	4,842	5,879
Total	6,800	7,300	7,800	50,300	63,500	93,600
RED RASPBERRIES						
Clackamas	1,400	1,530	1,675	6,029	6,050	10,489
Linn	200	220	270	979	870	1,500
Marion	160	180	250	783	712	1,515
Multnomah	720	780	860	3,171	3,084	5,472
Washington	145	160	180	667	759	1,127
Other Counties	175	230	265	871	925	1,397
Total	2,800	3,100	3,500	12,500	12,400	21,500
BLACK RASPBERRIES						
Clackamas	550	580	640	854	1,019	1,619
Lane	40	45	50	62	55	95
Linn	20	20	25	29	23	47
Marion	50	70	100	82	105	211
Multnomah	25	25	35	40	44	78
Polk	—	30	30	—	19	54
Washington	645	700	780	1,001	1,537	2,056
Yamhill	20	80	90	32	98	190
Total	1,350	1,550	1,750	2,100	2,900	4,350
BLACKBERRIES						
Benton	60	65	75	481	506	722
Clackamas	675	750	1,020	4,356	4,397	7,271
Lane	110	120	135	733	851	1,147
Linn	50	55	75	492	471	711
Marion	1,530	1,580	2,150	10,623	10,684	16,900
Multnomah	175	190	255	925	956	1,706
Polk	200	220	300	1,470	1,391	2,270
Washington	340	370	550	3,133	2,280	4,372
Yamhill	150	160	240	1,186	1,001	1,941
Other Counties	110	90	100	601	463	560
Total	3,400	3,600	4,900	24,000	23,000	37,600
BOYSENBERRIES						
Clackamas	N/A	N/A	140	501	525	700
Marion	N/A	N/A	530	1,482	1,907	2,743
Multnomah	N/A	N/A	60	332	242	330
Polk	N/A	N/A	55	161	182	330
Washington	N/A	N/A	85	485	378	510
Yamhill	N/A	N/A	80	431	283	480
Other Counties	N/A	N/A	50	208	183	207
Total	900	850	1,000	3,600	3,700	5,300
LOGANBERRIES						
Clackamas	N/A	N/A	60	238	248	300
Marion	N/A	N/A	160	856	953	880
Other Counties	N/A	N/A	20	156	99	100
Total	330	230	240	1,250	1,300	1,280

ALL STRAWBERRIES: Acreage, Yield, Production and Value, 1920-1987

Year	Acreage		Yield	Production	Season Average Price/Lb.	Value of Production
	Planted	Harvested				
	1,000 Acres		Pounds	1,000 Pounds	Cents Per Pound	1,000 Dollars
1920	—	3.0	2,590	7,704	18.30	1,412
1925	—	6.2	3,310	20,520	11.10	2,280
1930	—	11.2	2,160	24,192	9.30	2,251
1935	—	9.9	2,160	21,384	5.30	1,129
1940	—	12.5	3,430	42,882[1]	5.10	2,092
1941	—	13.5	3,430	46,250	5.70	2,640
1942	—	11.9	2,930	34,844[1]	8.50	2,647
1943	—	7.5	1,900	14,262[1]	13.80	1,864
1944	—	5.3	2,930	15,524[1]	18.40	2,797
1945	—	6.0	2,580	15,494[1]	18.10	2,744
1946	7.5	7.5	3,420	25,618	27.80	7,116
1947	11.0	11.0	2,860	31,430[1]	17.80	5,288
1948	15.0	15.0	3,920	58,864[1]	20.20	11,605
1949	14.5	14.0	2,900	40,600[1]	14.80	5,835
1950	14.0	14.0	3,070	42,980	22.40	9,615
1951	15.7	14.5	2,220	32,190	17.20	5,521
1952	15.3	15.3	3,610	55,233	15.40	8,481
1953	15.5	15.5	4,020	62,310	16.60	10,356
1954	15.2	15.2	3,890	59,128	15.20	9,008
1955	17.5	17.5	4,770	83,475	15.90	13,265
1956	16.8	16.8	4,210	70,728	15.80	11,195
1957	18.5	18.3	5,000	91,500	8.60	7,905
1958	16.0	15.6	4,400	68,640	12.50	8,609
1959	15.6	15.6	5,700	88,920	13.60	12,064
1960	14.5	14.5	5,000	72,500	14.40	10,448
1961	13.0	13.0	5,200	67,600	12.80	8,641
1962	14.0	14.0	6,100	85,400	13.40	11,445
1963	14.0	14.0	4,950	69,300	12.60	8,766
1964	14.0	13.9	7,200	100,100	14.30	14,292
1965	14.0	11.5	5,200	59,800	16.00	9,583
1966	12.5	12.5	7,700	96,300	17.50	16,848
1967	13.2	13.2	6,900	91,100	14.20	12,932
1968	12.2	12.0	5,900	70,800	16.70	11,856
1969	12.4	12.0	5,800	69,600	17.20	11,994
1970	11.4	11.0	6,500	71,500	15.90	11,372
1971	10.0	10.0	8,300	83,000	15.10	12,512
1972	8.3	8.2	6,700	54,900	17.80	9,791
1973	7.7	7.4	6,600	48,800	23.90	11,680
1974	7.5	6.7	6,200	41,500	25.60	10,620
1975	6.0	5.8	7,200	41,800	23.00	9,610
1976	5.3	5.2	9,200	47,800	28.50	13,622
1977	5.4	5.3	6,600	35,000	28.50	9,979
1978	5.2	5.0	6,800	34,000	27.00	9,183
1979	5.3	5.2	8,200	42,600	33.70	14,370
1980	5.3	5.2	8,900	46,300	33.10	15,333
1981	5.6	5.5	9,300	51,200	35.40	18,126
1982	5.9	5.8	10,000	58,000	43.90	25,435
1983	7.0	6.9	11,500	79,400	39.00	30,988
1984	6.8	6.6	9,200	60,700	24.90	15,138
1985	7.0	6.8	7,400	50,300	31.10	15,619
1986	7.5	7.3	8,700	63,500	45.80	29,107
1987	8.0	7.8	12,000	93,600[1]	33.70	31,520

[1] Includes some quantities not marketed and excluded in computing value: 1,260,000 pounds in 1938; 1,800,000 pounds in 1940; 3,600,000 pounds in 1942; 720,000 pounds in 1943; 324,000 pounds in 1944; 360,000 pounds in 1945; 1,800,000 pounds in 1947; 1,440,000 pounds in 1948; 1,016,000 pounds in 1949; 18,500,000 pounds in 1987.

Vegetables

Fresh Market and Dual Purpose

Oregon vegetable growers produced 8.54 million hundredweight of fresh market and dual purpose vegetables in 1987, up 14 percent from 1986 and 1 percent from 1985. The total value of these crops was $84.7 million, 1 percent less than in 1986 but 65 percent more than in 1985. Oregon ranked fourth among the states in production of fresh market vegetables, accounting for 3.9 percent of United States production of these crops.

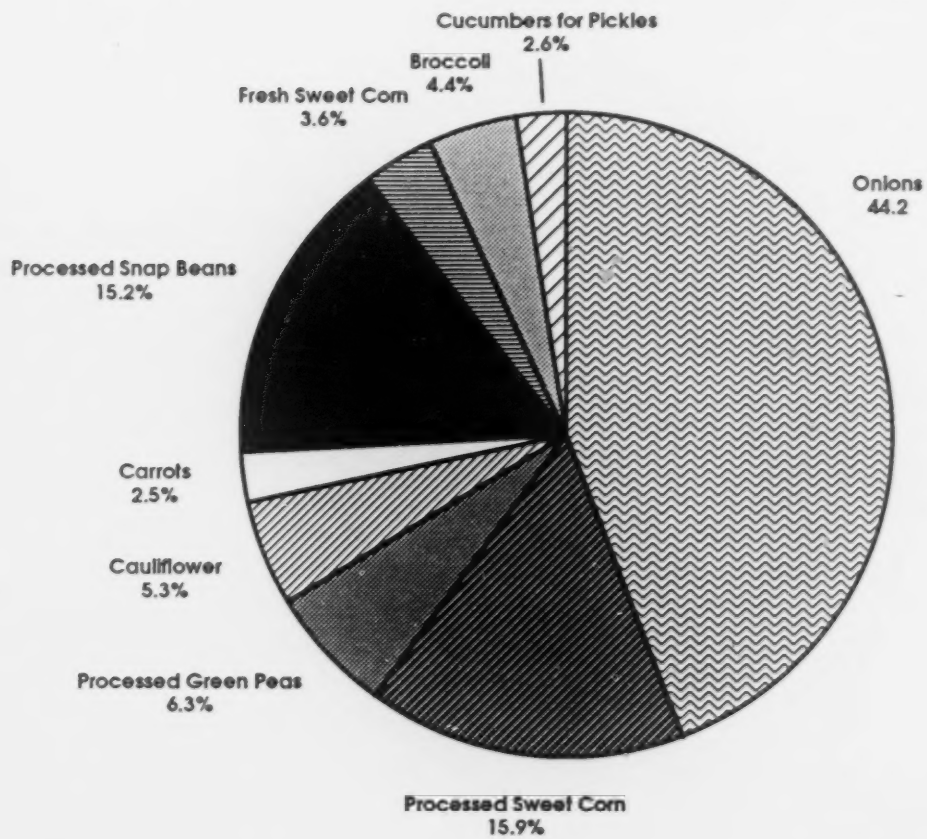
Production of sweet corn for fresh market in Oregon at 276 thousand hundredweight was the same as 1986, but the average value per hundredweight fell 40 cents. Storage onion production increased 18 percent but value fell by 2 percent. Production of broccoli for fresh market and processing increased 5 percent and total value increased 8 percent. Carrot production was down 17 percent and total value was off by 18 percent. Cauliflower production was down 1 percent but the price improved enough to increase total value by 6 percent.

Processing

Production of processing vegetable crops in Oregon for 1987 totaled 528 thousand tons, up 2 percent from 1986 but 4 percent less than 1985. Total value came to $55.4 million, 1 percent less than 1986 and 7 percent less than 1985. Acreage harvested in Oregon totaled 94,400 acres or 7 percent more than last year, but 5 percent less than two years earlier. Oregon ranked fourth in the country in acreage harvested, production and total value of processing vegetable crops.

Snap bean production was down 15 percent from 1986 and total value of the crop was down 13 percent. Production of sweet corn for processing in 1987 was 7 percent greater than a year earlier while total value was up 3 percent. Cucumber production was down 2 percent but value of the crop was up 2 percent. The green pea crop was 28 percent greater than 1986 and total value was up 29 percent.

VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY VEGETABLE CROP, OREGON, 1987



VEGETABLE CROPS: Acreage, Production and Value, 1985-1987

Crop Year	Area Planted	Area Harvested	Yield	Production	Value Per Unit	Value
	Acres		Cwt.	1,000 Cwt.	$/Cwt.	1,000 Dollars
FRESH MARKET:						
Sweet Corn						
1985	2,300	2,200	110	242	17.00	4,114
1986	2,400	2,300	120	276	18.60	5,134
1987	2,500	2,400	115	276	18.20	5,023
Onions						
Malheur County						
1985	9,900	9,600	550	5,280	6.20	23,572
1986	8,600	8,500	530	4,505	12.10	45,786
1987	9,300	9,200	600	5,520	10.20	44,962
Other Oregon						
1985	3,500	3,500	430	1,505	5.65	6,893
1986	3,300	3,200	450	1,440	13.40	16,616
1987	3,600	3,600	420	1,512	13.20	16,315
DUAL PURPOSE:[1]						
Broccoli						
1985	2,600	2,600	95	247	19.30	4,769
1986	3,000	3,000	100	300	19.00	5,689
1987	3,100	3,000	105	315	19.50	6,134
Carrots						
1985	1,200	1,100	480	528	5.50	2,904
1986	1,100	1,000	460	460	9.14	4,206
1987	800	800	475	380	9.08	3,449
Cauliflower						
1985	4,000	3,800	170	646	11.90	7,694
1986	4,000	3,900	130	507	13.60	6,909
1987	3,700	3,600	140	504	14.50	7,314
	Acres		Tons	Tons	$/Ton	1,000 Dollars
PROCESSING:						
Snap Beans						
1985	23,400	23,200	5.38	124,820	174.00	21,719
1986	22,500	22,300	6.22	138,710	174.00	24,136
1987	20,400	20,300	5.81	117,940	178.00	20,933
Sweet Corn						
1985	38,800	38,600	9.19	354,730	69.70	24,725
1986	35,900	34,900	9.24	322,480	66.60	21,477
1987	39,300	38,900	8.84	343,880	64.20	22,077
Cucumbers						
1985	2,100	2,100	12.15	25,520	170.00	4,338
1986	1,900	1,900	11.90	22,610	156.00	3,527
1987	1,900	1,900	12.08	22,950	157.00	3,603
Green Peas						
1985	37,100	35,400	1.22	43,190	204.00	8,811
1986	29,500	29,200	1.17	34,160	198.00	6,764
1987	34,500	33,300	1.31	43,620	200.00	8,724
TOTAL:						
1985	124,900	122,100	—	970,660	—	109,539
1986	112,200	110,200	—	892,360	—	140,244
1987	119,100	117,000	—	953,740	—	138,594

[1] Includes fresh and processing.

MAJOR PROCESSING VEGETABLES AND ONIONS: Acreage and Production, by Counties, 1985-1987

Crop and County	1985		1986		1987	
	Harvested Acres	Production	Harvested Acres	Production	Harvested Acres	Production
	Acres	Tons	Acres	Tons	Acres	Tons
Sweet Corn, Processing						
Benton	2,500	22,950	2,300	20,250	2,700	22,700
Clackamas	1,500	14,250	1,450	13,450	1,440	13,100
Lane	2,850	24,800	2,080	17,100	2,760	23,350
Linn	3,250	30,600	3,200	30,450	4,160	37,130
Marion	16,670	153,100	14,700	137,600	15,600	137,400
Multnomah	1,100	10,000	1,040	9,480	900	7,850
Polk	1,500	13,950	1,400	12,800	1,630	13,250
Washington	2,600	25,250	2,500	23,600	2,710	25,700
Yamhill	3,100	28,830	2,730	25,650	3,150	27,400
Malheur	3,330	29,200	3,300	30,350	3,650	34,050
Other Counties	200	1,800	200	1,750	200	1,950
TOTAL	38,600	354,730	34,900	322,480	38,900	343,880
Snap Beans, Processing						
Benton	1,550	9,380	1,650	11,000	2,020	12,025
Lane	2,100	11,860	1,730	12,425	1,760	11,250
Linn	1,920	10,850	1,900	13,520	1,900	10,925
Marion	12,360	69,815	12,380	75,560	10,800	62,940
Polk	560	3,050	510	3,605	490	2,710
Washington	810	3,885	760	4,670	730	4,050
Yamhill	1,650	8,430	1,470	9,920	1,380	8,535
Umatilla	1,900	5,750	1,500	5,340	1,000	4,065
Other Counties	350	1,800	400	2,670	220	1,440
TOTAL	23,200	124,820	22,300	138,710	20,300	117,940
Green Peas, Processing						
Marion	4,300	10,680	3,070	6,370	2,670	5,750
Umatilla	28,550	26,020	23,520	21,860	28,100	32,850
Other Counties	2,550	6,490	2,610	5,930	2,530	5,020
TOTAL	35,400	43,190	29,200	34,160	33,300	43,620
	Acres	1,000 Cwt.	Acres	1,000 Cwt.	Acres	1,000 Cwt.
Onions, Dry						
Clackamas	120	54	140	61	140	60
Marion	1,500	714	1,500	701	1,700	700
Washington	350	126	350	135	400	157
Yamhill	270	108	250	100	300	115
Malheur	9,600	5,280	8,500	4,505	9,200	5,520
Umatilla	1,100	440	830	400	970	440
Other Counties	160	63	130	53	90	40
TOTAL	13,100	6,785	11,700	5,945	12,800	7,032

Source: Preliminary county estimates from Extension Economic Information Office, Oregon State University, adjusted to Oregon Agricultural Statistics Service state estimates.

SNAP BEANS, Processing: Acreage, Yield, Production and Value, 1920-1987

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	Acres	Acres	Tons	Tons	$/Ton	1,000 Dollars
1920	—	200	2.60	500	58.96	29
1925	—	1,200	4.00	4,800	60.18	289
1930	880	880	3.50	3,100	60.00	186
1935	1,160	1,100	5.60	6,200	53.60	329
1936	1,340	1,340	5.70	7,600	56.60	430
1937	1,930	1,890	6.20	11,700	59.20	693
1938	2,650	2,600	5.30	13,800	48.80	673
1939	1,950	1,950	4.80	9,400	48.50	456
1940	2,300	2,210	6.80	15,000	51.10	766
1941	4,100	3,800	5.80	22,000	64.00	1,423
1942	4,100	4,000	5.30	21,200	103.70	2,198
1943	4,500	4,400	6.60	29,000	127.40	3,695
1944	4,600	4,500	6.20	27,900	130.40	3,638
1945	4,500	4,400	6.10	26,800	117.00	3,136
1946	4,900	4,800	6.00	28,800	124.10	3,574
1947	4,800	4,700	7.00	32,900	129.70	4,267
1948	5,400	4,900	7.00	34,300	131.70	4,517
1949	6,800	6,600	8.20	54,100	134.30	7,266
1950	6,700	6,600	8.10	53,500	125.70	6,725
1951	7,400	7,370	8.00	59,000	124.70	7,357
1952	6,600	6,550	7.90	51,700	121.50	6,403
1953	7,800	7,650	7.20	55,100	131.10	7,224
1954	9,700	9,400	7.60	71,400	133.10	9,503
1955	10,500	10,500	7.80	81,900	126.30	10,344
1956	10,700	10,600	7.30	77,400	128.20	9,923
1957	10,600	10,600	8.10	86,000	129.70	11,154
1958	10,700	10,700	8.30	88,800	124.10	11,020
1959	11,300	11,100	7.50	83,200	124.30	10,342
1960	12,000	11,700	7.10	83,100	125.00	10,388
1961	16,400	16,300	7.20	117,400	116.00	13,618
1962	16,400	16,300	6.90	112,500	119.00	13,388
1963	18,100	17,300	7.30	126,300	115.00	14,524
1964	19,300	19,200	5.80	111,400	117.00	13,034
1965	22,100	21,900	5.60	122,600	109.00	13,363
1966	25,000	24,700	5.30	130,900	112.00	14,661
1967	29,800	29,600	5.00	148,000	113.00	16,724
1968	30,600	29,000	5.30	153,700	108.00	16,600
1969	29,400	28,700	5.00	143,500	110.00	15,785
1970	28,100	27,700	4.77	132,150	104.00	13,744
1971	33,600	32,000	4.10	131,200	103.00	13,514
1972	35,900	35,000	3.71	129,900	111.00	14,419
1973	42,400	42,000	4.27	179,350	108.00	19,370
1974	44,800	43,600	4.20	183,200	207.00	37,922
1975	33,100	32,400	4.23	137,100	148.00	20,291
1976	29,900	29,300	4.65	136,250	133.00	18,121
1977	33,100	32,500	4.31	140,200	152.00	21,310
1978	36,000	35,600	4.27	152,100	142.00	21,570
1979	38,500	38,400	4.49	172,420	153.00	26,380
1980	32,100	31,100	5.16	160,480	155.00	24,874
1981	27,400	27,400	5.27	144,400	158.00	22,815
1982	26,300	25,700	5.19	133,380	169.00	22,541
1983	22,900	22,400	5.52	123,650	159.00	19,660
1984	24,600	23,900	5.37	128,340	176.00	22,588
1985	23,400	23,200	5.38	124,820	174.00	21,719
1986	22,500	22,300	6.22	138,710	174.00	24,136
1987	20,400	20,300	5.81	117,940	178.00	20,993

SWEET CORN, Processing: Acreage, Yield, Production and Value, 1934-1987

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	Acres	Acres	Tons	Tons	$/Ton	1,000 Dollars
1934	1,500	1,480	1.50	2,200	15.70	35
1935	3,300	2,600	1.40	3,600	15.70	57
1936	3,100	2,880	1.70	4,900	16.40	80
1937	4,300	4,000	2.40	9,600	13.90	133
1938	2,400	2,250	2.40	5,400	13.70	74
1939	1,900	1,770	2.20	3,900	12.90	50
1940	1,500	1,500	3.30	5,000	13.90	70
1941	2,500	2,450	4.30	10,500	17.10	180
1942	3,400	3,100	2.80	8,700	18.80	164
1943	4,900	4,700	3.50	16,400	26.80	440
1944	5,000	4,800	3.20	15,400	27.80	428
1945	5,800	5,700	3.60	20,500	28.90	592
1946	10,300	9,700	2.80	27,200	32.40	881
1947	11,400	11,200	3.80	42,600	32.90	1,402
1948	11,600	10,900	3.80	41,400	31.40	1,300
1949	12,800	11,900	4.40	52,400	28.20	1,478
1950	9,500	9,100	3.70	33,700	27.80	937
1951	14,900	13,700	4.00	54,800	32.90	1,803
1952	16,000	15,500	4.50	69,800	32.80	2,289
1953	18,400	17,800	4.60	81,900	32.50	2,662
1954	14,900	13,500	4.50	60,800	25.90	1,575
1955	12,000	11,500	4.70	54,000	27.40	1,480
1956	17,500	17,000	5.20	88,400	27.80	2,458
1957	15,400	15,100	5.35	80,800	27.60	2,230
1958	15,600	15,400	5.00	77,000	24.90	1,917
1959	17,900	17,700	5.29	93,600	27.20	2,546
1960	21,900	21,500	4.95	106,400	23.90	2,543
1961	29,200	26,700	4.62	123,400	23.90	2,949
1962	27,200	26,800	5.56	149,000	25.70	3,829
1963	23,900	23,000	5.21	119,800	26.40	3,163
1964	25,100	24,800	5.79	143,600	25.00	3,590
1965	30,500	28,800	5.82	167,600	24.10	4,039
1966	34,500	33,400	6.74	225,100	24.90	5,605
1967	37,000	34,800	6.24	217,200	29.40	6,386
1968	43,400	41,600	7.00	291,200	29.90	8,707
1969	35,100	33,800	7.79	263,300	28.40	7,478
1970	30,200	29,500	7.08	208,850	27.50	5,743
1971	35,600	35,000	6.40	224,000	28.90	6,474
1972	39,500	39,200	7.01	274,800	29.90	8,217
1973	41,600	40,600	7.36	298,800	39.40	11,773
1974	42,100	41,400	7.23	299,400	73.70	22,066
1975	43,100	41,300	7.73	319,200	61.70	19,695
1976	40,700	39,900	7.84	312,750	57.30	17,921
1977	42,100	40,900	7.38	301,700	64.40	19,429
1978	40,400	40,200	7.96	320,000	58.60	18,740
1979	39,600	37,800	8.53	322,430	62.70	20,216
1980	34,100	33,700	8.68	292,520	62.30	18,224
1981	40,000	39,900	8.11	323,590	67.00	21,681
1982	46,500	45,500	9.01	409,960	70.50	28,902
1983	39,600	38,800	8.55	331,740	68.50	22,724
1984	42,500	42,000	8.70	365,400	71.10	25,980
1985	38,800	38,600	9.19	354,730	69.70	24,725
1986	35,900	34,900	9.24	322,480	66.60	21,477
1987	39,300	38,900	8.84	343,880	64.20	22,077

GREEN PEAS, Processing: Acreage, Yield, Production and Value, 1934-1987

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	Acres	Acres	Tons	Tons	$/Ton	1,000 Dollars
1934	3,600	3,050	.90	2,740	53.00	145
1935	9,300	8,180	.88	7,160	54.50	390
1936	17,000	16,150	.80	12,840	51.50	661
1937	22,100	21,200	.73	15,480	55.30	856
1938	22,230	20,450	.85	17,280	50.70	876
1939	19,900	19,100	.96	18,340	47.90	878
1940	29,900	29,000	.71	20,590	43.80	902
1941	30,900	20,400	1.72	35,090	43.00	1,509
1942	42,500	21,200	1.90	40,280	54.30	2,187
1943	49,300	36,200	1.45	52,310	75.90	3,970
1944	52,400	48,400	.96	46,220	77.90	3,601
1945	56,800	44,300	.93	41,200	81.80	3,370
1946	61,000	58,400	.99	57,520	81.10	4,665
1947	62,600	57,200	1.02	58,340	83.20	4,854
1948	51,220	40,830	1.21	49,400	86.80	4,288
1949	48,500	47,600	.79	37,600	87.50	3,290
1950	55,750	52,260	1.06	55,400	75.50	4,183
1951	61,000	57,400	.95	54,530	88.80	4,842
1952	49,800	48,800	1.15	56,120	88.00	4,939
1953	56,900	46,400	1.19	54,980	91.00	5,003
1954	58,700	56,400	.77	43,150	85.10	3,672
1955	63,000	59,000	.66	38,640	87.10	3,366
1956	68,800	64,000	1.30	83,200	85.40	7,105
1957	67,300	63,900	1.12	71,250	86.20	6,142
1958	59,500	56,400	1.08	60,630	77.30	4,687
1959	60,400	55,900	1.26	70,150	85.70	6,012
1960	57,400	57,200	.90	51,480	82.40	4,242
1961	70,900	62,500	.89	55,310	81.20	4,491
1962	69,900	60,700	1.04	63,130	84.10	5,309
1963	60,600	59,600	1.08	64,370	89.00	5,729
1964	60,800	52,600	.93	48,900	85.50	4,181
1965	60,000	56,400	1.38	77,850	88.00	6,851
1966	56,000	47,800	.95	45,400	95.70	4,345
1967	59,100	55,600	.93	51,700	106.00	5,480
1968	60,400	48,400	.75	36,300	108.00	3,920
1969	52,300	47,300	1.23	58,200	101.00	5,878
1970	47,500	43,700	.97	42,400	99.90	4,236
1971	45,200	39,500	1.44	56,900	93.80	5,337
1972	45,600	44,800	1.22	54,650	98.00	5,356
1973	52,400	50,600	.74	37,450	119.00	4,457
1974	45,500	43,000	1.23	52,900	203.00	10,739
1975	52,200	49,100	1.12	55,000	205.00	11,275
1976	37,100	35,900	1.28	46,000	178.00	8,188
1977	32,200	27,700	.83	23,000	194.00	4,462
1978	37,800	36,900	1.23	45,400	150.00	6,810
1979	42,900	42,000	1.07	44,940	169.00	7,595
1980	34,800	32,600	1.66	54,120	173.00	9,363
1981	33,800	32,300	1.37	44,250	179.00	7,921
1982	33,800	33,700	1.09	36,730	202.00	7,419
1983	34,900	34,400	1.17	40,250	173.00	6,963
1984	36,000	33,600	1.48	49,730	211.00	10,493
1985	37,100	35,400	1.22	43,190	204.00	8,811
1986	29,500	29,200	1.17	34,160	198.00	6,764
1987	34,500	33,300	1.31	43,620	200.00	8,724

ONIONS, Storage: Acreage, Yield, Production and Value, 1934-1987

Year	Acreage		Yield	Production	Season Average Price	Value of Production
	Planted	Harvested				
	Acres	Acres	Cwt.	1,000 Cwt.	$/Cwt.	1,000 Dollars
1934	—	2,100	240	504	1.45	731
1935	—	2,200	285	627	1.21	759
1936	—	2,200	150	330	.96	317
1937	—	2,300	300	690	1.30	897
1938	—	2,900	290	841	.90	757
1939	—	3,600	242	870	.72	624
1940	—	3,300	228	706	1.18	830
1941	—	3,000	292	876	2.44	2,144
1942	—	3,500	196	610	1.74	1,062
1943	—	3,600	250	898	2.56	2,306
1944	—	4,800	273	1,185	1.76	2,092
1945	—	4,500	312	1,405	2.72	3,814
1946	4,800	4,800	308	1,371	1.36	1,858
1947	3,700	3,700	334	1,234	3.62	4,465
1948	3,700	3,600	304	1,097	2.00	2,204
1949	4,100	4,100	444	1,822	2.27	4,130
1950	4,700	4,600	385	1,770	1.07	1,893
1951	4,800	4,800	414	1,989	2.70	5,361
1952	4,700	4,600	433	1,990	3.58	7,124
1953	5,600	5,500	404	2,221	.82	1,829
1954	5,200	5,200	428	2,228	1.51	3,374
1955	5,400	4,800	423	2,208	1.80	3,650
1956	5,000	4,700	388	1,822	1.87	3,412
1957	5,000	4,700	364	1,712	2.40	4,115
1958	5,000	4,900	400	1,960	3.24	6,345
1959	5,200	5,000	487	2,334	1.98	3,524
1960	5,400	5,000	404	2,018	2.57	4,206
1961	5,300	5,200	403	2,094	4.65	8,276
1962	5,100	5,100	434	2,213	2.19	3,895
1963	5,400	5,300	417	2,208	3.99	7,275
1964	5,600	5,500	457	2,442	2.25	5,500
1965	5,600	5,500	469	2,579	2.64	5,300
1966	6,000	5,800	482	2,793	4.25	11,861
1967	6,000	5,800	381	2,208	4.78	10,545
1968	7,000	6,800	479	3,256	2.32	5,691
1969	6,600	6,500	469	3,048	4.94	12,692
1970	7,200	6,800	447	3,039	2.52	7,647
1971	7,100	7,000	453	3,168	3.47	11,003
1972	7,200	7,100	478	3,392	6.50	22,041
1973	7,800	7,700	510	3,927	6.27	24,638
1974	7,700	7,500	520	3,576	3.59	12,854
1975	7,700	7,600	477	3,567	7.45	26,571
1976	8,300	8,200	541	4,433	5.90	26,153
1977	9,200	8,700	493	4,287	3.95	16,954
1978	9,600	9,300	450	4,187	7.57	31,688
1979	9,600	9,500	503	4,776	3.48	16,622
1980	8,900	8,700	522	4,538	12.06	54,737
1981	9,100	8,900	501	4,460	13.46	60,047
1982	10,300	10,000	482	4,821	4.32	20,803
1983	11,200	10,900	486	5,292	12.70	67,183
1984	14,300	14,100	481	6,785	8.66	58,754
1985	13,400	13,100	518	6,785	4.49	30,465
1986	11,900	11,700	508	5,945	10.50	62,402
1987	12,900	12,800	549	7,032	8.71	61,277

COLD STORAGE HOLDINGS: Selected Items, Quarterly, United States, 1984-1987

Commodity	March 31	June 30	September 30	December 31
	1,000 Pounds			
BERRIES:				
Blackberries				
1984	7,119	4,601	21,225	12,045
1985	8,440	4,992	17,770	13,201
1986	9,312	6,629	20,427	16,730
1987	12,394	9,965	29,582	22,661
Blueberries				
1984	42,984	33,841	68,817	52,867
1985	35,105	20,128	77,714	60,397
1986	37,897	20,367	68,264	49,568
1987	32,548	17,950	71,665	50,707
Boysenberries				
1984	1,056	2,630	3,376	2,089
1985	2,063	3,119	3,358	2,191
1986	2,750	3,190	3,932	2,829
1987	2,102	3,563	5,553	4,597
Raspberries, Red				
1984	13,619	9,555	37,999	29,184
1985	18,573	10,670	33,998	24,468
1986	15,783	12,412	37,536	27,159
1987	16,478	27,613	46,748	36,027
Strawberries				
1984	137,629	213,656	229,485	165,960
1985	119,488	252,193	231,962	167,056
1986	110,216	233,489	198,831	146,616
1987	100,497	311,750	301,469	236,009
VEGETABLES:				
Green Beans, Regular				
1984	94,255	61,521	194,437	142,259
1985	82,588	52,706	187,581	129,979
1986	78,947	52,046	181,229	138,978
1987	83,137	60,473	194,953	139,239
Green Beans, French				
1984	30,566	19,997	65,709	47,500
1985	28,805	22,471	62,101	41,905
1986	29,685	19,104	56,575	43,635
1987	25,493	13,707	57,797	43,659
Sweet Corn, Cut				
1984	168,062	86,820	293,626	231,864
1985	141,083	74,514	282,432	228,342
1986	128,885	64,575	298,607	236,525
1987	131,876	52,119	333,649	283,441
Sweet Corn, Cob				
1984	173,087	77,536	263,884	242,862
1985	160,358	68,539	292,459	282,261
1986	187,902	97,996	267,208	254,231
1987	166,108	87,932	336,313	283,105
Green Peas				
1984	118,599	126,417	364,715	252,861
1985	145,141	228,352	431,648	314,974
1986	208,615	227,592	355,786	249,865
1987	155,489	233,334	386,815	251,150
French Fries				
1984	674,070	671,720	487,128	713,511
1985	822,264	884,232	699,516	861,417
1986	877,974	930,717	630,973	729,394
1987	688,297	820,256	625,344	727,103
Other Frozen Potatoes				
1984	153,509	168,718	148,204	178,776
1985	181,026	174,207	161,931	150,892
1986	139,279	166,137	140,259	164,658
1987	158,290	183,072	148,898	155,457

RYEGRASS SEED: ACREAGE, YIELD, PRODUCTION AND VALUE, 1977-1987[1]

Year	Acreage Harvested	Yield	Production	Average Price	Value of Production
	Acres	Lbs./Acre	1,000 Pounds	$/Cwt.	1,000 Dollars
1977	180,000	1,504	270,800	13.36	36,188
1978	194,000	1,242	240,980	13.90	33,500
1979	189,000	1,354	255,950	16.34	41,829
1980	188,000	1,421	267,195	18.19	48,595
1981	184,000	1,314	241,779	23.63	57,142
1982	195,650	1,393	272,477	19.41	52,875
1983	187,000	1,330	248,800	19.27	47,954
1984	185,000	1,445	267,250	18.22	48,704
1985	185,000	1,510	279,417	19.35	54,066
1986	180,600	1,447	261,382	22.62	59,124
1987	185,000	1,409	260,590	26.98	70,305

[1] Includes both annual and perennial ryegrass seed. Data provided by Extension Economic Information Office, Oregon State University.

FLORICULTURE: Production and Wholesale Value, 1986-1988

Types	Production Area			Number Sold				Wholesale Value	
	1986	1987	1988[1]	Unit	1986	1987	1988[1]	1986	1987
	1,000 Sq. Feet			1,000 Units				1,000 Dollars	
Potted Flowering Plants:									
Chrysanthemums	182	415	—	pots	393	662	677	1,207	1,582
Florist Azaleas	928	1,199	—	pots	1,163	1,567	1,927	4,291	4,903
Easter Lilies	73	74	—	pots	81	143	152	288	543
Poinsettias	651	953	—	pots	404	712	739	1,386	2,582
Other	404	159	—	pots	1,002	234	225	1,894	586
Bedding Plants:									
Geraniums	29	64	—	flats	8	23	23	91	223
Flowering	1,745	1,339	—	flats	822	668	756	5,516	5,043
Vegetable	265	236	—	flats	121	126	133	732	849
Potted Bedding Plants:									
Hardy/Garden Mums	115	274	—	pots	320	508	520	259	476
Geraniums (cuttings)	277	396	—	pots	1,057	1,325	1,347	1,216	1,481
Geraniums (seed)	141	174	—	pots	461	829	877	369	585
Flowering	306	619	—	pots	1,062	1,583	1,798	871	1,230
Vegetable	47	57	—	pots	202	194	210	89	216
Potted Foliage [2]	317	466	441	—	—	—	—	1,177	1,204
Fowering Hanging Baskets	—	—	—	baskets	169	349	374	1,345	2,918
Foliage Hanging Baskets	—	—	—	baskets	98	58	58	319	234

[1] 1988 data are intentions.
[2] Wholesale value is actually net value of sales.

Livestock

Production of all livestock, dairy and poultry products in Oregon was valued at $630 million in 1987. The increase of over $41 million in value from 1986 was due mostly to a $35 million increase in value of cattle production. This and other increases (sheep and lambs, turkeys, wool, farm chickens and mink) were lessened by decreases in milk, eggs, hogs and pigs, broilers, and honey. Approximately 33 cents of every dollar of Oregon farm income is from the sale of livestock and livestock products.

Cattle and calves amounted to 46 percent of the dollars generated from all livestock products in the state. Cattle raising is again the largest generator of livestock value in Oregon. Production in 1987 as measured in pounds was nearly ten percent less than a year earlier. Value of production was up nearly 14 percent as the average price for cattle increased over twelve dollars per hundredweight from the 1986 average. However, cash receipts fell, down 1 percent, as the number marketed decreased nearly 22 percent in 1987.

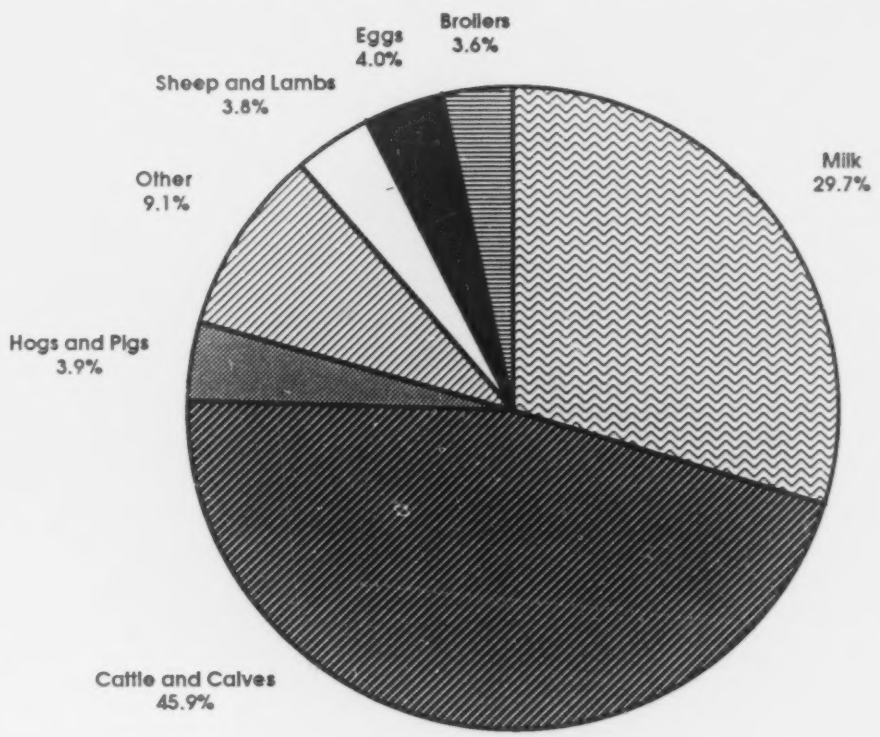
Oregon's dairy industry maintained its place in value of production for 1987, accounting for nearly 30 percent of the livestock total. For 1987 the value of milk production was over $187 million, slipping slightly, less than 1 percent, from 1986. Average price was down for milk, up slightly for milkfat. The milk price fell from $12.76 per hundredweight to $12.73 for 1987. Cash receipts were up less than 1 percent from 1986, still just over $183 million.

Almost ten cents of every dollar of Oregon's livestock value of production is due to poultry products. In 1987 the value of production of turkeys and farm chickens increased while the value of eggs and broilers declined. Egg production value declined sharply to nearly $25 million after the increase of 1986. Eggs produced decreased over 3 percent while the price per dozen fell sharply from 54.1 cents to 47.0 cents average for 1987, the lowest since 1972. Broiler value of production decreased slightly for 1987 due to a four cent decline in price per pound, negating a nearly 8 percent increase in numbers. This was the lowest broiler price since 1977. Turkey production was again strong, up 16 percent. The increased value of production to $12.5 million was lessened due to the price declining 4 cents to 37 cents per pound.

Hogs and pigs production value declined, down 4 percent as both production and marketing declined over the 1986 totals. Prices averaged $53.20 per hundredweight, the highest since 1982.

Sheep and lamb value of production reached a new record at $23.9 million, continuing the upward value trend since 1982. The average price for lambs, at $75.80 per hundredweight, is the highest price recorded. Wool production value again increased to total $2,042,000, up over 18 percent. The increase resulted from a 10 cent per pound increase in wool price average.

VALUE OF PRODUCTION:
PERCENT OF TOTAL, BY LIVESTOCK GROUPS, OREGON, 1987

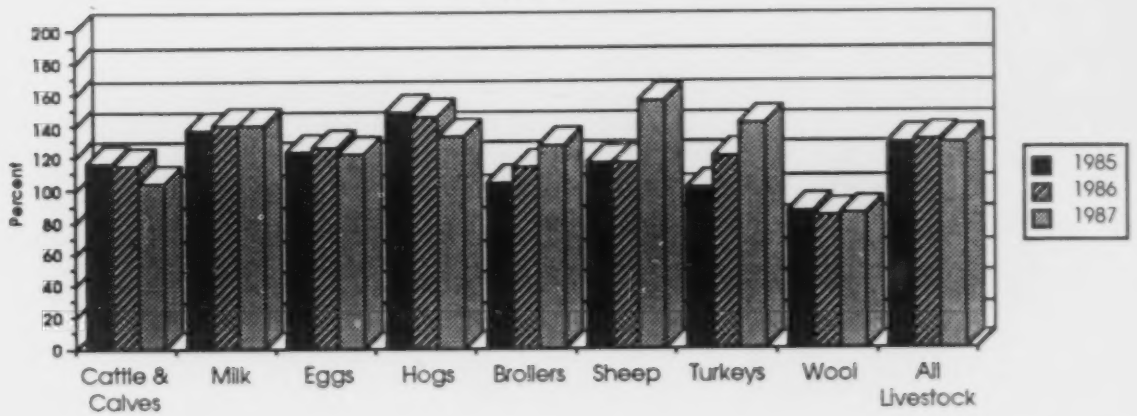


VALUE OF PRODUCTION: Livestock, Dairy and Poultry, 1985-1987[1]

Species	Value			Percent of Total		
	1985	1986	1987	1985	1986	1987
	1,000 Dollars			Percent		
Cattle and Calves	264,983	253,925	288,987	45.9	44.6	43.1
Milk	189,136	187,647	187,287	29.7	31.8	31.9
Eggs	27,528	29,710	24,988	4.0	4.6	5.0
Hogs and Pigs	23,619	25,954	24,793	3.9	4.0	4.4
Broilers	21,384	22,752	22,372	3.6	3.6	3.9
Sheep and Lambs	16,962	17,048	23,875	3.8	2.9	2.9
Turkeys	12,090	11,933	12,526	2.0	2.0	2.0
Wool	1,608	1,723	2,042	.3	.3	.3
Honey	—	1,421	1,224	.2	—	.2
Farm Chickens	738	480	710	.1	.1	.1
Mink	6,281	8,127	9,104	1.4	1.1	1.4
Miscellaneous Livestock	29,491	28,211	32,256	5.1	5.0	4.8
TOTAL	593,820	588,931	630,164	100.0	100.0	100.0

[1] Value of production including value of home consumption.

Livestock Index of Production, Oregon, 1985-1987
1977 = 100



LIVESTOCK VALUE: Average Value Per Head and Total, On Farms, January 1, 1985-1988

Year	Value Per Head				Total Value			
	All Cattle	All Sheep & Lambs	All Hogs[1]	All[1,2] Chickens	All Cattle	All Sheep & Lambs	All Hogs[1]	All[1,2] Chickens
	Dollars				1,000 Dollars			
1985	410.00	59.00	79.50	2.30	676,500	26,255	8,745	8,016
1986	390.00	62.00	78.50	1.90	614,250	26,660	9,813	6,232
1987	420.00	69.00	93.00	1.90	588,000	28,635	10,695	6,394
1988	540.00	83.00	87.50	1.60	734,400	40,670	8,750	4,760

[1] December 1 preceding year.
[2] Excludes commercial broilers.

CATTLE AND CALVES: Inventory, Calf Crop and Value, 1870-1988

Year	All Cattle & Calves January 1	All Cows & Heifers That Have Calved[1]		Calf Crop	Value	
		Beef Cows January 1	Milk Cows January 1		Average Per Head	Total
		1,000 Head			Dollars	1,000 Dollars
1870	373	—	42	—	23.10	8,626
1875	465	—	46	—	15.30	7,111
1880	631	—	50	—	11.90	7,508
1885	603	—	69	—	27.10	16,350
1890	587	—	98	—	18.90	11,086
1895	605	—	113	—	13.50	8,184
1900	628	—	115	—	24.80	15,569
1905	846	—	130	—	16.70	14,113
1910	677	—	160	—	23.50	15,900
1915	779	—	180	—	42.60	33,174
1920	891	218	200	—	52.30	46,599
1925	796	203	217	315	34.40	27,382
1930	757	161	229	294	54.70	41,408
1935	928	212	275	351	23.50	21,840
1940	937	208	262	385	37.60	35,231
1941	984	232	265	447	42.50	41,848
1942	1,073	269	276	469	54.90	58,937
1943	1,148	300	290	460	62.30	71,472
1944	1,194	310	284	469	61.80	73,737
1945	1,158	322	284	436	63.20	73,186
1950	1,085	328	233	449	110.00	119,350
1951	1,096	347	228	477	163.00	178,648
1952	1,238	404	226	510	185.00	229,030
1953	1,374	431	228	587	122.00	167,628
1954	1,443	486	233	611	93.00	134,199
1955	1,486	495	233	619	91.00	135,226
1956	1,427	495	214	603	83.00	118,441
1957	1,327	472	201	586	86.00	114,122
1958	1,327	475	191	579	116.00	153,932
1959	1,393	519	183	618	149.00	207,557
1960	1,421	553	181	624	128.00	181,888
1961	1,435	555	177	630	130.00	186,550
1962	1,435	572	170	668	131.00	187,985
1963	1,492	610	163	688	135.00	201,420
1964	1,611	663	150	724	124.00	199,764
1965	1,659	693	142	735	102.00	169,218
1966	1,626	680	133	724	128.00	208,128
1967	1,593	664	124	709	150.00	238,950
1968	1,577	671	116	700	142.00	223,934
1969	1,530	654	111	696	152.00	232,560
1970	1,514	652	107	692	175.00	264,950
1971	1,529	645	96	699	185.00	282,865
1972	1,529	647	94	699	200.00	305,800
1973	1,514	669	94	730	265.00	401,210
1974	1,560	698	92	740	295.00	460,200
1975	1,650	709	91	665	165.00	272,250
1976	1,500	638	92	650	195.00	292,500
1977	1,520	627	93	650	200.00	304,000
1978	1,490	622	93	630	230.00	342,700
1979	1,540	632	93	636	405.00	623,700
1980	1,575	681	94	705	485.00	763,875
1981	1,750	729	96	750	460.00	805,000
1982	1,800	730	97	720	400.00	720,000
1983	1,650	670	100	710	395.00	651,750
1984	1,710	709	101	700	400.00	684,000
1985	1,650	639	96	650	410.00	676,500
1986	1,575	598	102	610	390.00	614,250
1987	1,400	568	92	599	420.00	588,000
1988	1,360	547	94	—	540.00	734,400

[1] Prior to January 1, 1974 this category was defined as cows and heifers 2 years old and older.

CATTLE AND CALVES: Inventory by Classes and Weight, January 1, 1983-1988

Year	All Cattle and Calves	All Cows and Heifers that have Calved			Heifers 500 Lbs. and Over				Steers 500 Lbs. and Over	Bulls 500 Lbs. and Over	Steers, Heifers and Bulls Under 500 Lbs.
		Total	Beef Cows	Milk Cows	Total	Beef Cow Replacements	Milk Cow Replacements	Other			
	1,000 Head										
1983	1,650	770	670	100	240	124	41	75	175	45	420
1984	1,710	810	709	101	270	150	45	75	170	45	415
1985	1,650	735	639	96	280	115	55	110	205	40	390
1986	1,575	700	598	102	274	100	57	117	190	36	375
1987	1,400	660	568	92	224	91	49	84	155	34	327
1988	1,360	641	547	94	226	97	44	85	166	32	295

CATTLE AND CALVES: Inventory and Disposition, 1982-1987

Year	Inventory Beginning of Year	Calf Crop	Inshipments	Marketings[1]		Farm Slaughter Cattle and Calves[2]	Deaths		Inventory End of Year
				Cattle	Calves		Cattle	Calves	
	1,000 Head								
1982	1,800	720	100	560	288	30	32	60	1,650
1983	1,650	710	100	406	205	39	35	65	1,710
1984	1,710	700	100	481	231	38	40	70	1,650
1985	1,650	650	90	505	185	30	30	65	1,575
1986	1,575	610	70	532	201	30	32	60	1,400
1987	1,400	599	90	443	176	30	30	50	1,360

[1] Includes custom slaughter for use on farms where produced and state outshipments, but excludes interfarm sales within the state.
[2] Excludes custom slaughter for farmers at commercial establishments.

CATTLE AND CALVES: Production and Income, 1982-1987

Year	Production[1]	Marketings[2]	Average Price Per 100 Lbs.		Value of Production	Cash Receipts[3]	Value of Home Consumption	Gross Income
			Cattle	Calves				
	1,000 Lbs.		Dollars		1,000 Dollars		1,000 Dollars	
1982	572,330	724,595	47.50	56.10	280,281	353,560	18,645	372,205
1983	564,250	532,740	46.90	57.90	273,461	258,560	23,027	281,587
1984	554,635	627,180	48.70	57.20	277,498	313,355	21,284	334,639
1985	551,285	633,120	46.50	59.10	264,983	303,394	21,704	325,098
1986	540,680	690,930	45.50	57.90	253,925	324,044	16,519	340,563
1987	488,415	540,565	57.80	76.00	288,987	320,702	19,944	340,646

[1] Adjustments made for changes in inventory and for inshipments.
[2] Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
[3] Receipts from marketings and sale of farm slaughter.

MILK COWS AND MILK PRODUCTION: 1925-1987

Year	Number of Milk Cows On Farms[1]	Production of Milk and Milkfat[2]				
		Per Milk Cow		Percentage of Fat In All Milk Production	Total	
		Milk	Milkfat		Milk	Milkfat
	1,000 Head	Pounds		Percent	Million Pounds	
1925	212	4,940	212	4.30	1,047	45
1930	230	5,500	236	4.30	1,265	54
1935	255	5,210	229	4.40	1,329	58
1940	248	5,620	253	4.50	1,394	63
1941	250	5,710	257	4.50	1,428	64
1942	255	5,670	255	4.50	1,446	65
1943	258	5,470	246	4.50	1,411	63
1944	255	5,520	248	4.50	1,408	63
1945	244	5,550	250	4.50	1,354	61
1946	228	5,630	253	4.50	1,284	58
1947	221	5,860	264	4.50	1,295	58
1948	214	5,760	259	4.50	1,233	55
1949	215	5,800	261	4.50	1,247	56
1950	211	5,940	267	4.50	1,253	56
1951	201	5,950	268	4.50	1,196	54
1952	201	5,850	263	4.50	1,176	53
1953	203	5,980	266	4.45	1,214	54
1954	205	6,040	269	4.45	1,238	55
1955	198	6,100	268	4.40	1,208	53
1956	185	6,300	274	4.35	1,166	51
1957	176	6,450	281	4.35	1,135	49
1958	168	6,700	288	4.30	1,126	48
1959	164	6,770	288	4.25	1,110	47
1960	162	6,980	297	4.25	1,131	48
1961	157	7,010	294	4.20	1,101	46
1962	153	7,300	303	4.15	1,117	46
1963	141	7,380	306	4.15	1,041	43
1964	134	7,540	313	4.15	1,010	42
1965	127	7,720	317	4.10	980	40
1966	122	8,020	329	4.10	978	40
1967	112	8,348	339	4.06	935	38
1968	105	9,190	372	4.05	965	39
1969	101	9,277	373	4.02	937	38
1970	97	10,000	397	3.97	970	39
1971	95	10,611	426	4.01	1,008	40
1972	94	10,691	421	3.94	1,005	40
1973	93	10,839	425	3.92	1,008	40
1974	91	11,033	429	3.89	1,004	39
1975	91	10,879	424	3.90	990	39
1976	92	11,130	432	3.88	1,024	40
1977	93	11,312	432	3.82	1,052	40
1978	93	11,452	439	3.83	1,065	41
1979	94	11,734	442	3.77	1,103	42
1980	95	12,305	466	3.79	1,169	44
1981	97	12,577	470	3.74	1,220	46
1982	99	13,141	494	3.76	1,301	49
1983	101	13,495	506	3.75	1,363	51
1984	98	13,653	512	3.75	1,338	50
1985	100	14,380	548	3.81	1,438	55
1986	99	14,859	560	3.77	1,471	56
1987	92	15,989	598	3.74	1,471	55

[1] Average number during year, excluding heifers not yet fresh.
[2] Excludes milk sucked by calves.

MILK COWS AND MILK PRODUCTION: By Months and Annual, 1985-1987

Month and Annual	Milk Cows on Farms[1]			Milk Per Cow[2]			Milk Production[2]		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
	1,000 Head			Pounds			Million Pounds		
January	96	102	—	1,110	1,176	—	107	120	—
February	96	102	92	1,030	1,078	3,772	99	110	347
March	97	102	—	1,180	1,235	—	114	126	—
April	99	—	—	1,210	—	—	120	—	—
May	100	103[3]	92	1,320	3,816[3]	4,228	132	393[3]	389
June	101	—	—	1,280	—	—	129	—	—
July	102	—	—	1,300	—	—	133	—	—
August	102	98[3]	92	1,270	3,847[3]	4,130	130	377[3]	380
September	102	—	—	1,200	—	—	122	—	—
October	102	—	—	1,200	—	—	122	—	—
November	102	93[3]	93	1,120	3,710[3]	3,317	114	345[3]	355
December	102	—	—	1,140	—	—	116	—	—
Annual	100	99	92	14,380	14,859	15,989	1,438	1,471	1,471

[1] Excludes heifers not yet fresh.
[2] Excludes milk sucked by calves.
[3] Quarterly estimates were made for April-December 1986.

MILK DISPOSITION: 1983-87

Year	Milk Used Where Produced			Milk Marketed by Producers		
	Fed to Calves[1]	Used for Milk, Cream & Butter	Total	Sold to Plants and Dealers[2]	Sold Directly to Consumers[3]	Total
	Million Pounds					
1983	29	13	42	1,250	71	1,321
1984	32	13	45	1,235	58	1,293
1985	23	9	32	1,345	61	1,406
1986	25	10	35	1,376	60	1,436
1987	23	9	32	1,383	56	1,439

[1] Excludes milk sucked by calves.
[2] Includes milk produced by dealers own herds.
[3] Sales directly to consumer by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.

DAIRY PRODUCTS: Marketings, Income and Value, 1983-1987

Year	Milk and Cream Sold				Used Where Produced for Milk, Cream & Butter		Gross Income[3]	Value of Production[4]
	Milk Utilized	Average Returns[1] Per 100 Pounds Milk	Average Returns[1] Per Pound Milkfat	Cash Receipts	Milk Util.	Value[2]		
	Million Pounds	Dollars		1,000 Dollars	Million Pounds		1,000 Dollars	
1983	1,321	14.23	3.79	188,021	13	1,850	189,871	193,955
1984	1,293	13.88	3.70	179,404	13	1,804	181,208	185,648
1985	1,406	13.15	3.45	184,927	9	1,184	186,111	189,136
1986	1,436	12.76	3.38	183,182	10	1,276	184,456	187,647
1987	1,439	12.73	3.40	183,213	9	1,146	184,359	187,287

[1] Cash receipts divided by milk or milkfat.
[2] Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.
[3] Cash receipts from marketing of milk and cream plus value of milk used for home consumption and producer-churned butter.
[4] Includes value of milk fed to calves.

MANUFACTURED DAIRY PRODUCTS: Monthly and Annual, 1986-1987

Month	Butter		Cottage Cheese						Total Cheese[1]	
			Curd		Creamed		Lowfat			
	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
	1,000 Pounds									
January	1,053	1,154	781	841	1,146	1,215	245	398	2,271	2,310
February	1,280	1,115	713	930	1,044	1,097	191	434	2,034	2,143
March	990	917	762	994	1,076	1,074	242	446	2,565	2,793
April	999	1,059	683	933	1,027	1,114	218	489	2,616	2,773
May	1,094	1,156	772	832	1,144	1,161	240	392	2,647	3,006
June	915	879	738	895	1,112	1,204	249	442	2,467	2,947
July	936	998	766	845	1,018	1,168	215	439	2,424	2,829
August	884	1,071	780	817	1,163	1,095	245	398	2,241	2,726
September	1,108	1,121	725	817	1,073	1,045	229	402	1,764	2,468
October	1,272	1,073	742	844	1,144	1,105	235	399	1,727	2,330
November	1,133	1,006	619	733	900	1,034	219	381	1,798	2,265
December	1,222	1,242	679	774	1,001	1,077	221	299	2,258	2,407
Annual	12,886	12,791	8,760	10,255	12,818	13,389	2,749	4,919	26,812	30,997
Reporting Plants	10	8	13	12	13	12	10	8	5	4

[1] Excluding Cottage Cheese.

MANUFACTURED DAIRY PRODUCTS: Monthly and Annual, 1986-1987

Month	Ice Cream Mix		Total Ice Cream[1]		Ice Milk Mix[2]		Total Ice Milk[3]		Total Milk Sherbet	
	1986	1987	1986	1987	1986	1987	1986	1987	1986	1987
	1,000 Gallons									
January	280	209	589	507	208	172	322	254	21	19
February	282	292	740	737	248	177	368	278	19	8
March	359	344	745	815	286	224	429	358	26	23
April	360	422	774	746	269	207	409	320	19	54
May	285	299	772	666	284	203	425	308	19	35
June	398	420	762	917	284	313	432	465	25	33
July	480	424	918	760	286	228	437	359	38	41
August	407	466	833	762	297	235	445	363	25	26
September	357	383	675	684	232	191	359	308	19	54
October	249	330	582	515	212	192	315	297	16	20
November	248	296	436	654	157	182	239	280	32	39
December	315	339	603	600	166	204	261	314	57	35
Annual	4,020	4,224	8,429	8,363	2,929	2,528	4,441	3,904	316	387
Reporting Plants	13	13	*	*	14	12	*	*	*	*

[1] Ice cream must contain 10 percent or more butterfat.
[2] Includes milkshake mix.
[3] Includes substandard ice cream.
* Not published.

HOGS AND PIGS: Inventory By Classes, January 1, 1870-1963

Year	All Hogs and Pigs	Average Value per Head	Sows and Gilts 6 Months and Older[1]
	1,000 Head	Dollars	1,000 Head
1870	131	3.00	—
1875	159	3.75	N/A
1880	171	2.60	N/A
1885	164	3.75	N/A
1890	204	4.25	N/A
1895	260	4.00	N/A
1900	250	5.00	N/A
1905	238	6.10	N/A
1910	213	8.20	N/A
1915	330	9.50	N/A
1920	267	18.10	38
1925	223	10.20	34
1930	195	11.70	27
1935	176	6.30	27
1940	301	7.90	45
1945	212	17.40	28
1950	166	24.90	23
1951	141	31.50	22
1952	180	27.30	25
1953	135	20.40	17
1954	94	32.10	18
1955	127	27.90	22
1956	157	17.60	20
1957	135	23.20	19
1958	135	24.20	19
1959	177	24.90	24
1960	184	16.80	18
1961	177	23.30	19
1962	168	24.50	18
1963	151	23.80	16

[1] Excludes boars.

HOGS AND PIGS: Inventory By Classes, December 1, 1963-1987

Year	All Hogs and Pigs	Average Value Per Head	Breeding Total	Market				
				Under 60 Pounds	60-119 Pounds	120-179 Pounds	180 Pounds and Over	Total
	1,000 Head	Dollars	1,000 Head					
1963	142	19.00	18	57	33	22	10	124
1964	121	20.60	16	41	28	22	12	105
1965	108	35.70	15	37	23	20	11	93
1966	125	30.50	17	40	30	25	11	108
1967	116	26.00	16	37	30	20	11	100
1968	112	27.30	16	34	27	23	9	96
1969	108	33.30	15	33	30	19	10	93
1970	117	24.50	16	39	30	19	12	101
1971	116	25.00	15	37	30	20	12	101
1972	113	36.00	15	35	27	20	13	98
1973	101	53.00	14	32	24	17	11	87
1974	95	45.00	13	32	21	16	11	82
1975	95	68.50	15	34	19	14	10	80
1976	95	50.00	15	33	20	14	10	80
1977	100	57.50	16	33	21	15	12	84
1978	110	72.00	18	37	25	17	13	92
1979	120	60.00	16	41	26	20	17	104
1980	120	71.00	14	38	25	23	20	106
1981	100	67.00	14	27	26	20	13	86
1982	110	77.50	15	38	24	19	14	95
1983	110	74.00	15	29	28	22	16	95
1984	110	79.50	16	24	26	22	22	94
1985	125	78.50	18	28	29	24	26	107
1986	115	93.00	16	27	25	23	24	99
1987	100	87.50	13	23	24	20	20	87

PIG CROP: Sows Farrowing, Pigs Per Litter, Pig Crop, December - May and June - November, 1977-1987

Year	Sows Farrowing		Pigs Per Litter		Pig Crop	
	December-May[1]	June-November	December-May[1]	June-November	December-May[1]	June-November
	1,000 Head					
1977	11.0	12.0	7.2	7.5	79	90
1978	10.0	12.0	7.2	7.7	72	92
1979	10.7	13.0	7.9	7.8	85	101
1980	13.0	14.0	8.2	8.4	107	118
1981	11.0	11.0	7.6	8.0	84	88
1982	13.0	14.0	8.0	7.5	104	105
1983	14.0	14.0	7.3	7.8	102	109
1984	14.0	14.0	8.3	7.7	116	108
1985	14.0	16.0	7.8	7.6	109	122
1986	14.0	15.0	7.3	8.0	102	120
1987	13.0	12.0	7.4	8.4	96	101

[1]December preceding year.

HOGS AND PIGS: Inventory and Disposition, 1977-1987

Year	Inventory December 1 Previous Year	Annual Pig Crop	Inshipments	Marketing[1]	Farm Slaughter[2]	Deaths	Inventory December 1
	1,000 Head						
1977	95	169	1	149	6	10	100
1978	100	164	1	141	5	9	110
1979	110	186	1	160	7	10	120
1980	120	225	1	206	9	11	120
1981	120	172	1	179	7	7	100
1982	100	209	1	189	6	5	110
1983	110	211	0	202	5	4	110
1984	110	224	0	210	7	7	110
1985	110	231	0	199	9	8	125
1986	125	222	0	218	5	9	115
1987	115	197	0	203	2	7	100

[1] Includes custom slaughter for use on farms where produced and state outshipments but excludes interfarm sales within the state.
[2] Excludes custom slaughter for farmers at commercial establishments.

HOGS AND PIGS: Production and Income, 1977-1987

Year	Production[1]	Marketings[2]	Price Per 100 Pounds	Value of Production	Cash Receipts[3]	Value Home Consumption	Gross Income
	1,000 Pounds		Dollars	1,000 Dollars			
1977	34,885	31,130	38.10	13,291	11,878	1,080	12,958
1978	31,550	28,120	46.30	14,607	13,044	1,146	14,190
1979	41,241	36,945	42.80	17,652	15,828	1,483	17,311
1980	48,314	43,750	36.30	17,538	15,901	1,617	17,518
1981	39,609	39,488	44.20	17,495	17,454	1,044	18,498
1982	45,326	42,075	53.70	24,320	22,594	1,450	24,044
1983	49,991	46,999	49.10	24,547	23,077	1,050	24,127
1984	53,718	49,683	48.00	25,785	23,848	1,331	25,179
1985	52,025	46,666	45.40	23,619	21,186	1,438	22,624
1986	51,092	51,048	50.80	25,954	25,932	838	26,770
1987	46,604	46,900	53.20	24,793	24,951	1,170	26,121

[1] Adjustments made for changes in inventory and for inshipments.
[2] Excludes custom slaughter for use on farms where produced and interfarm sales within the state.
[3] Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: Inventory, Lamb Crop and Value, 1870-1988

Year	All Sheep Inventory January 1	Stock Sheep Inventory January 1	Breeding Ewes On Hand January 1	Lamb Crop	All Sheep		Stock Sheep	
					Average Value Per Head	Total Value	Average Value Per Head	Total Value
	1,000 Head			1,000 Head	Dollars	1,000 Dollars	Dollars	1,000 Dollars
1870	—	467	—	—	—	—	1.90	887
1875	—	770	—	—	—	—	2.60	2,002
1880	—	1,504	—	—	—	—	1.45	2,181
1885	—	1,751	—	—	—	—	1.60	2,802
1890	—	1,910	—	—	—	—	1.90	3,629
1895	—	2,220	—	—	—	—	1.15	2,553
1900	—	2,179	—	—	—	—	2.65	5,774
1905	—	2,378	—	—	—	—	2.30	5,469
1910	—	2,717	—	—	—	—	3.70	10,053
1915	—	2,083	—	—	—	—	4.50	9,374
1920	2,250	2,225	1,580	—	—	24,035	10.70	23,823
1925	2,039	1,989	1,500	1,245	—	21,206	10.50	20,806
1930	2,585	2,530	1,961	1,765	—	265	9.00	22,825
1935	2,375	2,300	1,725	1,449	—	11,044	4.70	10,810
1940	1,675	1,610	1,320	1,228	—	11,499	6.90	11,109
1941	1,696	1,626	1,307	1,294	—	12,766	7.60	12,297
1942	1,637	1,577	1,216	1,070	—	15,596	9.60	15,098
1943	1,457	1,419	1,131	905	—	14,267	9.80	13,925
1944	1,227	1,192	1,007	896	—	11,256	9.20	10,958
1945	1,075	1,037	886	789	—	8,930	8.30	8,607
1950	689	671	566	532	—	12,518	18.20	12,212
1951	672	657	560	554	—	19,443	29.00	19,053
1952	743	723	577	577	—	24,439	33.00	23,859
1953	763	745	623	617	—	14,926	19.60	14,602
1954	811	790	660	667	—	13,371	16.50	13,035
1955	847	822	693	693	—	14,703	17.40	14,303
1956	852	822	700	686	—	13,019	15.40	12,659
1957	865	830	700	693	—	14,172	16.40	13,612
1958	890	847	714	707	—	18,689	21.10	17,872
1959	935	881	728	721	—	19,845	21.30	18,765
1960	916	863	699	685	—	16,608	18.20	15,707
1961	906	846	699	692	—	14,834	16.40	13,874
1962	842	778	636	630	—	11,257	13.40	10,425
1963	777	724	591	603	—	11,945	15.40	11,150
1964	740	673	550	550	—	10,831	14.60	9,826
1965	690	626	512	502	—	11,480	16.60	10,392
1966	648	582	466	470	—	12,785	19.70	11,465
1967	596	524	425	434	—	12,988	21.90	11,476
1968	566	498	408	412	—	12,452	22.00	10,956
1969	569	483	396	376	—	14,128	24.80	11,978
1970	541	460	369	373	—	14,107	26.00	11,960
1971	492	430	349	366	27.00	13,284	27.00	11,610
1972	525	426	345	362	27.00	14,175	27.00	11,502
1973	474	385	315	350	28.00	13,272	28.00	10,780
1974	515	395	325	358	32.00	16,480	32.00	12,640
1975	440	370	302	329	26.00	11,440	26.00	9,620
1976	420	330	268	319	39.00	16,380	—	—
1977	395	310	247	279	41.00	16,195	—	—
1978	425	325	262	290	49.00	20,886	—	—
1979	490	380	282	300	73.50	36,124	—	—
1980	495	385	280	305	71.50	35,393	—	—
1981	520	420	310	360	65.50	34,060	—	—
1982	540	440	350	380	53.50	28,890	—	—
1983	530	400	322	333	49.50	26,235	—	—
1984	495	350	292	315	52.50	25,988	—	—
1985	445	345	285	320	59.00	26,255	—	—
1986	430	325	275	290	62.00	26,660	—	—
1987	415	320	255	340	69.00	28,635	—	—
1988	490	390	320	—	83.00	40,670	—	—

SHEEP AND LAMBS Inventory By Classes, January 1, 1984-1988

Year	All Sheep and Lambs	Sheep & Lambs on Feed	All Stock Sheep	Lambs		Sheep One Year and Over	
				Ewes	Wethers & Rams	Ewes	Wethers & Rams
	1,000 Head						
1984	495	145	350	36	10	292	12
1985	445	100	345	35	13	285	12
1986	430	105	325	33	6	275	11
1987	415	95	320	44	10	255	11
1988	490	100	390	45	12	320	13

SHEEP AND LAMBS Inventory and Disposition, 1983-1987

Year	Inventory Beginning of Year	Lamb Crop	Inship-ments	Marketings		Farm[1] Slaughter	Deaths		Inventory End of Year
				Sheep	Lambs		Sheep	Lambs	
	1,000 Head								
1983	530	333	0	51	222	5	45	45	495
1984	495	315	0	20	269	5	33	38	445
1985	445	320	0	29	233	3	30	40	430
1986	430	290	0	39	215	4	20	27	415
1987	415	340	55	22	240	7	20	31	490

[1] Excludes custom slaughter for farmers at commercial establishment.

SHEEP AND LAMBS: Lamb Crop, 1983-1987

Year	Lambs Saved[1]	Breeding Ewes One Year and Older on Hand January 1	Lambs Saved Per 100 Ewes[1]
	1,000 Head		Number
1983	333	322	103
1984	315	292	108
1985	320	285	112
1986	290	275	106
1987	340	255	133

[1] Lambs saved defined as lambs docked or branded.

SHEEP AND LAMBS: Production and Income, 1983-1987

Year	Production[1]	Marketing[2]	Price Per 100 Pounds		Value of Production	Cash Receipts[3]	Value of Home Consumption	Gross Income
			Sheep	Lambs				
	1,000 Pounds		Dollars		1,000 Dollars			
1983	24,154	28,254	11.30	50.20	11,585	11,803	507	12,310
1984	26,691	30,696	12.70	56.80	14,506	16,333	477	16,810
1985	27,240	28,778	19.90	65.60	16,962	17,221	379	17,600
1986	27,287	28,605	18.60	65.90	17,048	16,545	670	17,215
1987	36,765	29,778	23.30	75.80	23,875	21,128	1,043	22,171

[1] Adjustments made for changes in inventory and for inshipments.
[2] Excludes custom slaughter for use on farms where produced and interfarm sales within the state.EP [3] Receipts from marketings and sale of farm slaughter.

WOOL: Production, Price and Value, 1984-1987

Year	Number of Sheep Shorn[1]	Weight Per Fleece	Total Wool Production	Price Per Pound[2]	Value of Production
	1,000 Head	Pounds	1,000 Pounds	Cents	1,000 Dollars
1984	500	6.1	3,058	73	2,232
1985	450	6.5	2,924	55	1,608
1986	435	6.5	2,825	61	1,723
1987	450	6.4	2,876	71	2,042

[1] Includes shearing at commercial feeding yards.
[2] Does not include incentive payments.

MINK: Pelts Produced and Females Bred, by Color, 1984-1988

Year	Standard	Mahogany	Demibuff	Gunmetal	Pastel	Sapphire	Violet Type	Misc.	Total
					1,000 Pelts				
1984	53.5	[1]	10.4	42.6	6.6	27.5	23.5	17.9	182.0
1985	69.0	[1]	20.2	55.5	5.6	28.4	16.8	19.5	215.0
1986	80.1	15.9	14.5	70.2	5.9	22.5	15.6	12.3	237.0
1987	83.6	4.1	6.5	73.1	3.0	20.2	14.8	9.7	215.0
					1,000 Females				
1984	13.8	[1]	2.4	10.6	1.8	9.2	5.9	4.3	48.0
1985	15.3	[1]	2.5	12.5	1.8	6.5	5.9	4.5	49.0
1986	19.4	4.1	2.6	16.8	1.6	5.5	3.8	3.2	57.0
1987	23.0	.8	1.0	20.3	1.2	6.1	4.0	2.6	59.0
1988	25.9	1.0	[2]	23.2	1.0	6.1	3.9	3.9	65.0

[1] Data not available before 1986.
[2] Included in total to avoid disclosing individual operations.

BROILERS: Production and Value, 1984-1987

Year	Number Produced	Pounds Produced	Price Per Pound	Value of Production
	1,000 Birds	1,000 Pounds	Cents	1,000 Dollars
1984	13,400	60,300	35.0	21,105
1985	14,400	64,800	33.0	21,384
1986	15,800	71,100	32.0	22,752
1987	17,000	79,900	28.0	22,372

TURKEYS: Production and Value, 1984-1987

Year	Number Raised[1]	Pounds Produced	Price Per Pound[2]	Value of Production
	1,000 Birds	1,000 Pounds	Cents	1,000 Dollars
1984	900	17,010	44.0	7,484
1985	1,300	24,180	50.0	12,090
1986	1,540	29,106	41.0	11,933
1987	1,830	33,855	37.0	12,526

[1] Based on turkeys hatched September 1 to August 31. Excludes young turkeys lost.
[2] Liveweight equivalent price.

CHICKENS: Number on Farms, December 1, 1981-1987

Year	All Chickens [1]	Hens and Pullets of Laying Age	Not of Laying Age		Other Chickens
			Pullets 3 Months and Older	Pullets Under 3 Months Old	
	1,000 Birds				
1981	3,200	2,530	370	250	50
1982	3,400	2,700	380	270	50
1983	3,200	2,550	220	380	50
1984	3,485	2,685	280	480	40
1985	3,280	2,680	300	260	40
1986	3,365	2,575	330	410	50
1987	2,975	2,305	280	370	20

[1] Excludes commercial broilers.

EGGS: Production and Income, 1981-1987

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of Home Consumption[1]	Gross Income
		Millions		Cents		1,000 Dollars	
1981	665	18	647	58.8	31,703	882	32,585
1982	620	16	604	56.8	28,589	757	29,346
1983	630	14	616	59.2	30,389	691	31,080
1984	678	14	664	63.3	35,026	739	35,765
1985	649	[2]	[2]	50.9	[2]	[2]	27,528
1986	659	[2]	[2]	54.1	[2]	[2]	29,710
1987	638	[2]	[2]	47.0	[2]	[2]	24,988

[1] Valued at same price as eggs sold. [2] Discontinued.

EGG PRODUCTION AND LAYERS: Quarterly and Annual, 1986-1987

Month	1986			1987		
	Average Number Layers	Eggs Produced		Average Number Layers	Eggs Produced	
		Per 100 Layers	Total		Per 100 Layers	Total
	1,000 Birds		Millions	1,000 Birds		Millions
January	2,658[2]	6,057[2]	161[2]	2,593	6,363	165
April	2,590[2]	6,139[2]	159[2]	2,543	6,449	164
July	2,657[2]	6,248[2]	166[2]	2,451	6,446	158
October	2,673[2]	6,472[2]	173[2]	2,366	6,382	151
Annual [1]	2,644	24,924	659	2,488	25,643	638

[1] Production per 100 layers is derived. [2] Quarterly estimates began 1986.

HONEY AND BEESWAX: Production and Value, Oregon, 1970-1987

Year	Colonies of Bees	Yield Per Colony	Honey			Beeswax			Total Value of Production
			Production	Price Per Pound	Value of Production	Production	Price Per Pound	Value of Production	
	1,000 Colonies	Pounds	1,000 Pounds	Cents	1,000 Dollars	1,000 Pounds	Cents	1,000 Dollars	1,000 Dollars
1970	70	51	3,570	17.2	614	71	58.0	41	655
1975	45	38	1,710	55.9	956	31	105.0	33	989
1980	58	34	1,972	61.0	1,203	34	180.0	61	1,264
1981	59	33	1,947	74.9	1,458	39	195.0	76	1,534
1982-85	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
1986	59	43	2,537	56.0	1,421	N/A	N/A	N/A	N/A
1987	55	42	2,310	53.0	1,224	N/A	N/A	N/A	N/A

N/A - Estimates not made for these items.

LIVESTOCK AND POULTRY: Inventory Number, by County, January 1, 1987[1]

District and County	All Cattle and Calves	Cows and Heifers That Have Calved		All Sheep and Lambs	All Hogs and Pigs[3]	All Chickens[3]
		Beef	Milk[2]			
	Number of Head					Number of Birds
NORTHWEST:						
Benton	10,300	3,000	1,950	8,000	3,200	20,000
Clackamas	30,000	10,500	2,800	12,000	12,500	1,420,000
Clatsop	7,800	2,700	1,300	300	400	2,000
Columbia	14,500	5,400	1,750	2,300	500	4,000
Lane	34,000	12,800	2,700	12,000	1,900	115,000
Lincoln	5,400	2,500	220	2,700	100	3,000
Linn	35,500	11,200	6,600	70,000	10,500	135,000
Marion	40,500	7,200	12,700	12,500	14,500	1,160,000
Multnomah	5,000	1,600	300	700	400	3,000
Polk	16,000	4,200	2,850	10,000	3,200	15,000
Tillamook	38,000	1,200	21,900	200	200	—
Washington	18,000	3,800	6,500	2,600	11,000	6,000
Yamhill	22,000	5,500	4,600	9,000	13,000	55,000
TOTAL	277,000	71,600	66,170	142,300	71,400	2,938,000
NORTHCENTRAL:						
Gilliam	20,000	9,500	—	300	2,500	1,000
Hood River	2,000	700	180	600	400	2,000
Morrow	65,000	18,000	300	14,000	1,600	2,000
Sherman	7,500	3,800	—	200	200	—
Wasco	22,000	11,000	50	800	4,000	2,000
TOTAL	116,500	43,000	530	15,900	8,700	7,000
NORTHEAST:						
Baker	96,000	44,000	1,900	5,000	300	2,000
Umatilla	87,000	33,000	200	31,000	15,000	5,000
Union	32,000	14,000	520	2,300	3,900	2,000
Wallowa	52,000	23,000	—	5,400	700	2,000
TOTAL	267,000	114,000	2,620	43,700	19,900	11,000
SOUTHWEST:						
Coos	25,000	8,800	6,200	31,000	500	10,000
Curry	7,500	4,000	350	33,000	500	1,000
Douglas	45,000	20,000	320	95,000	3,000	7,000
Jackson	30,000	12,500	1,500	5,000	3,600	280,000
Josephine	11,000	3,200	3,380	1,000	500	35,000
TOTAL	118,500	48,500	11,750	165,000	8,100	333,000
SOUTHEAST:						
Crook	47,000	20,500	230	2,600	1,000	2,000
Deschutes	20,000	8,800	950	6,100	1,000	4,000
Grant	52,000	26,000	50	1,400	600	2,000
Harney	110,000	60,000	—	1,600	600	—
Jefferson	16,000	6,800	—	6,200	1,000	1,000
Klamath	90,000	43,000	3,400	14,500	500	65,000
Lake	96,000	50,000	—	1,700	400	—
Malheur	170,000	64,000	6,300	13,000	1,500	2,000
Wheeler	20,000	11,800	—	1,000	300	—
TOTAL	621,000	290,900	10,930	48,100	6,900	76,000
STATE TOTAL	1,400,000	568,000	92,000	415,000	115,000	3,365,000

[1] Preliminary county estimates from Extension Economic Information Office, Oregon State University, adjusted to Oregon Agricultural Statistics Service state estimates.
[2] Average number during year.
[3] December 1 preceding year.

Commercial Fishing in Oregon

1987 Year in Review

Oregon fishermen landed a record $95 million in ex-vessel or dockside sales in 1987, a 53 percent increase over the $33 million value of commercial fisheries in 1986 (Tables 1 and 2). In pounds landed, 1987 was a near record year with more than 138 million pounds of commercial landings crossing the docks of buyers and processors. In 1981, landings peaked at more than 148 million pounds.

Clatsop County and Astoria recieved the largest share of the value of commerical landings, 38 percent of the total (Table 3). Lincoln County and Newport received most of the second largest share of landed value at 23 percent, and Coos County and the Coos Bay/Charleston area received 21 percent of the total landed value. Overall, value has shifted to the Astoria area since 1985 (Table 3).

Commercial Species Harvested

Salmon

Several kinds of salmon are harvested and processed in Oregon, but two species dominate the landings: chinook (king) and coho (silver). These two types of salmon are caught in the ocean by trollers fishing with hook and line and gillnetters fishing on the Columbia River with drifted nets.

Pounds of chinook and coho salmon have increased dramatically from the low landings of recent years to just over 15 million pounds in 1987 (Table 4). The value of these highly desirable salmon has also increased substantially, to $27 million at the "ex-vessel" value or the value received by the fishermen at the dock.

Other species of salmon occasionally landed in Oregon in smaller quantities include pink (humpie), sockeye (red) and chum (dog) salmon. Pinks are troll-caught in the ocean and landed all along the Oregon coast, while sockeye and chum are caught by net in the Columbia River system.

Crab

Dungeness crab dominates Oregon's crab landings. Most Dungeness crab landings occur in the ocean but smaller amounts are also caught commercially in bays and estuaries along the coast. Peak landings normally occur during the first two months of crab fishing season, December and January, when approximately 80% of the catch occurs. This creates unique marketing problems for Oregon Dungeness crab producers.

Crab landings will continue to be subject to yearly cyclical fluctuations. In 1987 close to 6 million pounds of Dungeness crab were landed in Oregon, amounting to more than $8 million in ex-vessel value.

Dungeness crab landings have yet to reach the peaks of the late 1970's when 19 million pounds were landed in Oregon during 1977 (Table 1). Very small landings of box, rock and tanner crab do occur in Oregon.

Shrimp

According to the Food and Agriculture Organization of the United Nations, more than 342 types of shrimp have potential commercial significance. Fishermen from more than 100 countries fish for shrimp, and it is the most widely consumed seafood product worldwide.

Oregon landings are primarily the Pacific pink type of small shrimp often referred to as cocktail or salad shrimp. Landings of pink shrimp off Oregon have been larger than from Alaska, Washington and California in recent years.

As indicated by Table 4, pink shrimp landings were more than 44 million pounds in 1987, down slightly from a high of 56 million pounds in 1978 (Table 1). These landings have become Oregon's highest-valued seafood catch, amounting to more than $30 million in 1987.

Small amounts of bait shrimp, including brine, ghost and mud shrimp, are also harvested in Oregon bays, estuaries and fresh water lakes. While not significant in total numbers, they bring high prices for fishermen who market their catch mostly to sportsmen who use the shrimp for bait.

Tuna

In recent years, albacore tuna has become the exclusive tuna species landed in Oregon. Prior to the closing of the large Bumble Bee tuna processing plant in Astoria in the late 1970's, Oregon also received landings of yellowfin and skipjack tuna.

In 1987, more than 2 million pounds of albacore tuna were landed in Oregon, accounting for $1.7 million in value at the dock. Since home canning of tuna has become popular, about 30% or more of Oregon's albacore catch is marketed directly from fishermen to consumers.

Groundfish

Groundfish has become a significant portion of Oregon's commercial seafood industry. More than 27 different species and classifications of groundfish are landed and processed in Oregon. The entire species group can be classified into three categories: rockfish, flatfish and roundfish.

Rockfish includes widow, yellowtail and sebastolobus rockfish and Pacific ocean perch. Flatfish includes flounders, soles and halibut. Roundfish includes various cods such as Pacific and ling cod.

Together, these species accounted for more than 68 million pounds of landings, 49% of total pounds landed in 1987. The landings created a value of more than $25 million, 25% of the total landed value for the state in 1987.

Other Species

In addition to the traditional commercial fisheries in salmon, crab, shrimp, tuna and groundfish, Oregon fishermen and processors catch and process a number of lesser-known species. Often these are "incidental" or untargeted species caught when fishing for more popular species; however, several smaller fisheries have their own established harvest patterns and markets.

These lesser-known species include crayfish, scallops, smelt, herring, various clams and mussels, shark and sea urchin. Many crayfish harvested in Oregon are caught and shipped live to markets in Scandinavia and Europe. In 1987, as shown by Table 4, 336,279 pounds of crayfish were harvested in Oregon, valued at $468,035 ex-vessel.

While some of these lesser-known fisheries are subject to large catch variations from year to year due to market and environmental conditions, there may be room for growth in landings or prices as more markets are found and developed.

Aquaculture and Mariculture

In addition to commercial fishery landings, Oregon has a small aquaculture (private salmon ranching and fish rearing) and mariculture (oyster growing and harvesting) industry. Oregon salmon ranchers are privately owned businesses who, under permit from the state, raise and release "smolt" or young coho, chinook and, to a limited extent, chum salmon. These salmon live their adult lives at sea, returning to the private hatchery when mature to be harvested. The value of this industry amounted to $4.6 million in 1987 and represents "gross harvest-level" revenue receipts.

Private Oregon aquaculturists have attempted to broaden their operations to include the pen raising of "pan-sized" and larger salmon in enclosed structures, the sale of smolts or young salmon, and salmon eggs. Some firms have found the sale of "eyed eggs" (the incubation of salmon eggs to the point of a semi-developmental stage) has become a major part of their firm's business demand, particularly to serve an international export market.

Several trout farms are located throughout the state. These firms raise mostly rainbow trout for retail and restaurant market outlets and live trout for "u-catch" fishing ponds. Recently, they have experimented with more exotic products such as "salmon trout" and "albino trout" which are basically rainbow trout reared and raised to meet particular market tastes. These activities contributed approximately $3.4 million to Oregon's economy.

Oregon's established oyster industry harvests primarily Pacific oysters in coastal estuaries and bays. Oyster growing and harvesting amounted to $.9 million in 1987, bringing the total for aquaculture and mariculture activities to just under $9 million (Table 6).

Table 1

ALL LANDINGS: Production, by Fishery Group, Oregon, 1970-1987

Year	Salmon[1]	Crab	Shrimp	Tuna[2]	Groundfish[3]	Other[4]	Total
	Pounds Round Weight						
1970	19,627,898	14,929,347	13,572,174	26,936,875	21,392,381	1,199,885	97,658,560
1971	17,267,822	14,875,849	9,075,906	13,092,167	22,039,881	1,036,484	77,387,209
1972	12,189,358	6,762,259	20,731,151	29,233,715	22,801,367	1,170,119	92,887,969
1973	17,385,138	2,349,645	24,517,194	24,425,485	21,944,140	916,847	91,538,449
1974	15,098,732	3,917,625	20,313,760	33,039,926	22,097,723	1,137,016	95,604,782
1975	12,389,656	4,026,937	24,083,568	23,584,409	21,023,739	937,426	86,045,735
1976	16,277,770	8,134,065	25,456,007	17,349,410	26,929,976	1,312,685	95,459,913
1977	10,774,388	19,902,419	48,580,070	9,898,921	23,365,634	1,835,397	114,356,829
1978	8,779,792	12,502,137	56,666,109	18,397,673	37,056,208	1,384,668	134,786,587
1979	11,129,143	15,634,210	29,586,586	8,820,586	64,429,897	2,267,311	131,867,733
1980	7,243,387	18,652,423	30,152,030	3,505,721	63,661,111	1,292,574	124,507,246
1981	7,040,900	6,984,032	25,923,589	7,726,890	82,502,220	18,046,821	148,224,452
1982	8,637,911	7,035,812	18,461,988	1,913,643	90,690,217	2,943,780	129,683,351
1983	2,672,501	5,368,105	6,547,073	3,410,606	78,151,779	4,210,898	100,360,962
1984	3,598,440	5,286,491	4,843,571	1,630,948	63,245,014	5,566,530	84,170,994
1985	6,577,333	7,517,932	14,990,144	1,524,601	64,656,115	4,337,060	99,603,185
1986[r]	13,796,960	4,665,538	34,034,577	2,461,368	56,147,278	2,716,707	113,822,428
1987[p]	15,091,765	5,996,335	44,712,531	2,280,537	68,244,844	2,401,580	138,727,592

[1] Salmon includes landings of steelhead which have come exclusively from the Treaty Indians.
[2] Tuna includes primarily landings of albacore since 1980.
[3] Groundfish includes landings of rockfish (snapper), soles, flounders, cods and sablefish (black cod).
[4] Other includes landings of sturgeon, shad, smelt, clams, scallops, squid, crayfish and other miscellaneous species.
[r] Revised.
[p] Preliminary.

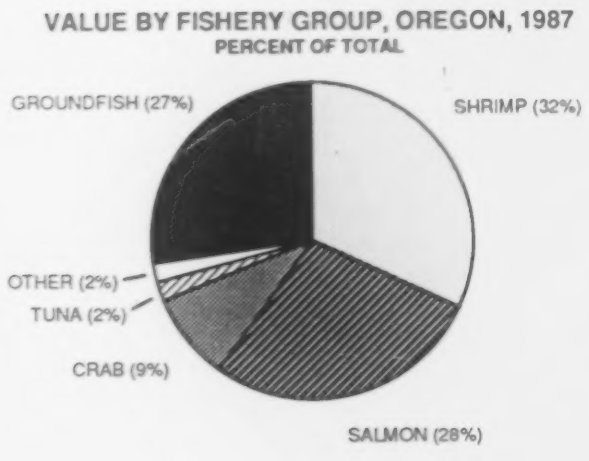
Table 2

ALL LANDINGS: Ex-vessel Value[5], by Fishery Group, Oregon, 1970-1987

Year	Salmon[1]	Crab	Shrimp	Tuna[2]	Groundfish[3]	Other[4]	Total
	Thousand Dollars						
1970	9,144	3,732	1,629	6,924	1,605	204	23,238
1971	5,745	4,245	1,110	3,628	1,812	206	16,746
1972	6,412	2,866	2,870	9,136	2,166	208	23,658
1973	14,150	1,340	5,394	8,698	2,623	228	32,433
1974	10,531	2,761	4,420	12,571	3,234	197	33,714
1975	9,851	3,221	3,237	7,500	2,974	242	27,025
1976	19,358	5,288	5,091	5,661	4,302	468	40,168
1977	15,672	10,900	11,200	2,564	4,900	591	45,827
1978	11,711	9,599	14,904	10,320	8,026	416	54,976
1979	20,947	11,627	11,340	4,656	17,405	919	66,894
1980	10,533	12,375	16,683	2,746	11,601	622	54,560
1981	11,095	6,712	13,043	6,678	14,717	5,312	57,557
1982	12,415	7,551	9,289	1,266	20,317	1,312	52,150
1983	3,040	7,947	4,656	1,881	18,965	1,659	38,148
1984	5,128	7,914	2,148	885	16,034	2,256	34,365
1985	9,069	10,789	5,503	814	17,731	1,909	45,815
1986[r]	15,192	6,592	18,464	920	18,581	1,978	61,727
1987[p]	27,024	8,357	30,640	1,674	25,455	1,923	95,073

[1] Salmon includes landings of steelhead which have come exclusively from the Treaty Indians.
[2] Tuna includes primarily landings of albacore since 1980.
[3] Groundfish includes landings of rockfish (snapper), soles, flounders, cods and sablefish (black cod).
[4] Other includes landings of sturgeon, shad, smelt, clams, scallops, squid, crayfish and other miscellaneous species.
[5] Ex-vessel value is the revenue amount received by fishermen at the dock for their catch.
[r] Revised.
[p] Preliminary.

SOURCE: Pounds and Values of Commercially Caught Fish and Shellfish Landed in Oregon, Oregon Department of Fish and Wildlife, Portland, Oregon.



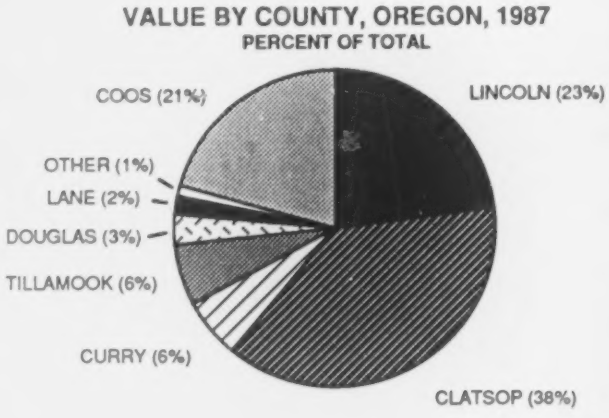


Table 3

ALL LANDINGS: Value, by County and Species Group, 1985-1987

	Clatsop	Tillamook	Lincoln	Lane	Douglas	Coos	Curry	Other Counties	Total
					1,000 Dollars				
SALMON:									
1985	3,491	168	1,127	210	577	3,276	170	50	9,069
% of Total	39	2	12	2	6	36	2	1	100
1986	7,422	647	2,299	357	477	3,027	901	62	15,192
% of Total	49	4	15	2	3	20	6	1	100
1987	10,434	1,712	3,450	1,066	1,271	6,977	2,089	25	27,024
% of Total	38	6	13	4	5	26	8	0	100
CRAB:									
1985	1,797	508	4,390	107	929	1,203	1,828	27	10,789
% of Total	17	5	40	1	9	11	17	0	100
1986	1,234	426	2,142	149	700	773	1,152	16	6,592
% of Total	19	6	33	2	11	12	17	0	100
1987	1,908	429	2,585	341	744	1,064	1,227	59	8,357
% of Total	23	5	31	4	9	13	15	0	100
SHRIMP:									
1985	1,471	900	2,048	3	2	963	56	60	5,503
% of Total	27	16	37	0	0	18	1	1	100
1986	6,798	2,513	4,147	3	5	4,034	831	133	18,464
% of Total	37	14	22	0	0	22	4	1	100
1987	13,065	2,817	7,877	4	18	5,330	1,302	227	30,640
% of Total	43	9	26	0	0	17	4	1	100
TUNA:									
1985	345	14	261	0	41	131	22	0	814
% of Total	42	2	32	0	5	16	3	0	100
1986	355	0	257	6	40	228	34	0	920
% of Total	38	0	28	1	4	25	4	0	100
1987	359	11	894	10	60	284	50	6	1,674
% of Total	21	1	53	1	4	17	3	0	100
GROUNDFISH & OTHER									
1985	6,073	611	5,878	8	368	5,021	1,319	362	19,640
% of Total	31	3	30	0	2	25	7	2	100
1986	8,704	342	5,169	209	293	4,229	1,351	262	20,559
% of Total	42	2	25	1	1	21	7	1	100
1987	10,134	526	7,591	267	480	6,355	1,475	550	27,378
% of Total	37	2	28	1	2	23	5	2	100
TOTAL									
1985	13,177	2,201	13,704	328	1,917	10,594	3,395	499	45,815
% of Total	29	5	30	1	4	23	7	1	100
1986	24,513	3,928	14,014	724	1,515	12,291	4,269	473	61,727
% of Total	40	6	23	1	2	20	7	1	100
1987	35,900	5,495	22,397	1,688	2,573	20,010	6,143	867	95,073
% of Total	38	6	23	2	3	21	6	1	100

Table 4

ALL LANDINGS: Production and Value by Species, Oregon, 1985-1987

Species	1985		1986		1987	
	Pounds	Value	Pounds	Value	Pounds	Value
SALMON						
Chinook	3,856,605	6,739,449	6,477,211	8,264,478	11,482,777	21,500,287
Coho	1,822,156	1,794,040	6,936,485	6,708,735	3,058,263	4,909,829
Other	898,572	535,647	383,264	218,580	550,725	613,636
Total	6,577,333	9,069,136	13,796,960	15,191,793	15,091,765	27,023,752
CRAB						
Dungeness	7,422,901	10,740,671	4,660,672	6,588,472	5,990,869	8,351,599
Other	95,031	48,157	4,866	3,336	5,466	5,573
Total	7,517,932	10,788,828	4,665,538	6,591,808	5,996,335	8,357,172
SHRIMP						
Pacific Pink	14,855,247	5,241,302	33,883,577	18,104,562	44,594,688	30,274,557
Other	134,897	261,411	151,000	359,761	117,843	365,698
Total	14,990,144	5,502,713	34,034,577	18,464,323	44,712,531	30,640,255
TUNA						
Albacore	1,524,601	814,322	2,461,004	919,763	2,280,524	1,673,698
Other	0	0	364	125	13	10
Total	1,524,601	814,322	2,461,368	919,888	2,280,537	1,673,708
GROUNDFISH						
Rockfish	28,849,591	7,260,783	25,893,879	7,259,374	32,292,562	10,602,463
Sole	16,288,094	5,046,959	14,594,767	5,044,772	17,704,866	6,890,915
Sablefish (black cod)	11,624,342	3,334,997	10,261,789	3,600,071	11,551,671	4,937,902
Cod	2,406,302	626,140	1,512,110	461,265	3,058,966	1,084,082
Flounder	2,329,399	378,908	1,323,183	176,089	1,849,953	313,232
Hake	1,950,069	163,209	926,681	59,623	402,713	32,776
Halibut	812,822	799,284	1,313,774	1,869,505	916,019	1,422,428
Pacific Sanddab	395,496	120,456	321,095	110,051	468,094	171,201
Total	64,656,115	17,730,736	56,147,278	18,580,750	68,244,844	25,454,999
OTHER SPECIES						
Scallop	819,030	327,922	105,523	47,588	13,590	6,406
Smelt	673,322	97,504	36,636	8,930	48,725	12,355
Sturgeon	338,118	462,885	573,411	815,390	495,883	748,876
Crayfish	196,241	201,763	217,829	225,533	336,279	468,035
Herring	163,566	243,176	220,300	94,399	493,788	236,091
Clams	157,507	178,854	86,115	54,776	75,480	89,722
American Shad	140,143	26,161	343,154	66,775	365,482	63,242
Mussels	40,168	30,161	37,494	34,043	52,310	42,126
Shark (all varieties)	13,085	111,735	943,957	591,214	224,709	169,908
Sea Urchin	NA	NA	55,820	14,707	202,799	49,589
Other misc. species	1,795,880	228,750	96,468	25,275	92,535	37,206
Total	4,337,060	1,908,911	2,716,707	1,978,630	2,401,580	1,923,556
STATE TOTAL	99,603,185	45,814,646	113,822,428	61,727,192	138,727,592	95,073,442

SOURCE: Pounds and Values of Commercially Caught Fish and Shellfish landed in Oregon, Oregon Department of Fish and Wildlife, Portland, Oregon.

Table 5

OYSTER PRODUCTION: Pacific Oysters Harvested by Estuary, 1970-1987

Year	Tillamook Bay	Yaquina Bay	Coos Bay	Netarts Bay	Totals
			Gallons[1]		
1970	26,609	4,868	1,969	14	33,460
1971	28,232	3,366	26	0	31,624
1972	14,466	2,861	866	0	18,193
1973	14,030	5,466	1,613	0	21,109
1974	16,407	5,080	1,741	61	23,289
1975	15,926	6,245	1,576	9	23,756
1976	12,559	3,938	1,069	0	17,566
1977	20,678	5,725	1,384	20	27,807
1978	20,166	6,768	3,196	16	30,146
1979	15,665	8,106	3,985	0	27,756
1980	18,912	6,241	4,135	60	29,348
1981	22,581	6,582	4,669	40	33,872
1982	26,174	7,713	3,164	0	37,051
1983	21,330	6,424	3,138	0	30,892
1984	30,965	7,227	9,834	6	48,032
1985	21,213	10,911	5,270	40	37,434
1986	21,330	12,353	3,662	30	37,375
1987	23,947	12,978	3,942	36	40,903
Total	371,190	122,852	55,239	332	549,613

[1] One bushel of Pacific oysters approximately yields one gallon of oyster meats.
SOURCE: Oregon Department of Agriculture and Oregon Department of Fish and Wildlife.

Table 6

AQUACULTURE AND MARICULTURE
Value of Production, 1987

	Total Value
	Dollars
Private Hatchery Production	4,601,699
Fish Propagation	3,369,410
Oyster Production	920,318
Total	8,891,427

SOURCE: Oregon Department of Agriculture and Oregon Department of Fish and Wildlife.
NOTE: Values for aquaculture and mariculture represent "gross harvest-level" revenue receipts. It should be noted that these estimates can represent more "value-added" than traditional commercial fishery landings which are presented in this report at their "dock-side" price. This is due in part to the increased processing aquaculture and mariculture products receive prior to measuring their value. In effect, the value of aquaculture and mariculture products is comparable to traditional commercial fishery products at their first level of processing or their wholesale value.

CONVERTING U.S. CUSTOMARY UNITS TO INTERNATIONAL METRIC UNITS

Commodity	Multiply by	Divide by	To Obtain
Barley, bushels		45.9	Metric Tons
Corn, bushels		39.4	Metric Tons
Cranberries, barrels		22.0	Metric Tons
Oats, bushels		68.9	Metric Tons
Rye, bushels		39.4	Metric Tons
Sorghum, bushels		39.4	Metric Tons
Wheat, bushels		36.8	Metric Tons
	DOMESTIC UNITS		
Acres		2.47	Hectares
Yield per Acre	2.47		Yield per Hectare
Fahrenheit, Degrees	(F-32) x 5/9		Degrees Celcius
Gallons	3.78		Liters
Inches	2.54		Centimeters
Pounds		2,205	Metric Tons
Hundredweight		22	Metric Tons
Tons (2,000 lbs.)		1.1	Metric Tons